

Visible Solutions
YOUR SAFETY

Industry catalogue

2023

**“Take a step towards
a safer environment
with our
Visible Solutions”**



**SIGN & SAFETY
SUPPLIER**

Company

Dear customers, partners and friends,

in front of you is the latest edition of the Signwell Industry catalog 2023-2024

Where our last edition had a slightly shorter lead time, this edition is once again fully relevant for the next two years

As we leave the pandemic and subsequent crisis behind us, we also realize that different industry sectors have had difficult years. But we aim for the future with energy and high expectations, and value the great development that has happened in multiple sectors

A lot can change in a year. Since the last release, development has continued at a rapid pace and we see the global impact of covid-19 which has made our daily lives more challenging in many ways. Challenges within the industry has only pushed us to find solutions and made us stronger as a company.

Continuous development and environmental friendliness

With our constantly growing product range, we are ready to support you, with our long-term expertise, turnkey services, fast deliveries and high quality. All this so that you can maintain your competitive advantage.

A large part of the last year has also been devoted to development, e.g. so that our company could call itself even more environmentally friendly. Therefore, this catalog is a new version that contains both updates of old products and New Products. The catalog also contains a wide range of process marking products and industrial safety

We are here to help you achieve the highest possible level of security. That's why we hope you can find your desired ones products and services in our new catalogue. Be sure to check out our website for the latest news.

We are happy to help you reach the highest possible level of security.

Welcome as our customer!



Martin Holmström
Managing Director, Owner

Check out our other catalogs on our website.

- IMO catalogue
- Solas tape buyers guide
- LED Escape signs
- Low Location Lightning
- Secuseal Tapes
- Rescue and release hooks
- Safesign Led Escape signs
- Safety signage onboard ferries
- Fire Isolator



FOLLOW US ON
LinkedIn





INTRODUCTION

Life-saving products are of great importance in operating safely onshore or at sea. Choosing the right equipment to protect your personnel, guests and materials is the most important task of any ship owner or offshore asset owner, while always looking for the value-for-money: the highest quality for the lowest price.

We offer a selective range of certified and approved Safety Products that you can rely on for the marine and on-shore market to protect your people and your business. All of our products come with all the required certificates and approvals and are priced on a very competitive level. We aim to be at the forefront of industrial safety and are constantly developing (both in house and in cooperation with our trusted partner-suppliers) new products based upon our solid reputation for quality and innovation. One thing we never compromise on, is our quality. All our safety products meet the strictest standards for design, testing, documentation and compliance with the local regulations and international standards

Signwell offers safety products that are cost-efficient, easy to use and above all, will give the owner and user a great peace of mind. All our LED safety products and Safety tapes are globally available through an extensive network of stockists and distributors.

Environment, Health and Safety

Signwell as a company is dedicated to environmental safety and health, at all levels of its operations, from manufacturing to installation. Because of this, we have our own Environmental, Health and Safety policies. These are part of the Signwell company policy, and reflect our principles of running a sustainable business.

- Creating a safe working environment for all employees and stakeholders
- Minimizing the carbon footprint
- Integrating EHS elements into Signwell Research & Development strategies for all company products and systems
- Continuous measurement, monitoring and improvement of EHS performance



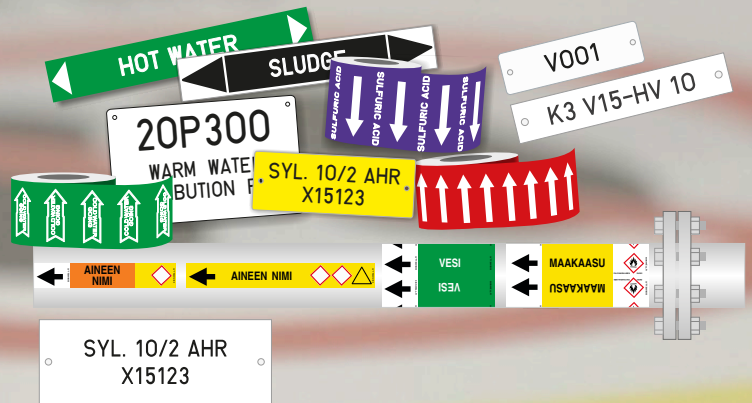
Partners:



TABLE OF CONTENT

PROCESS LABELLING

Norms & regulations.....	9
ISO 20560.....	11
Pipemarking qualities.....	14
Polyespro®.....	15
SFS 3701.....	16
Flow direction and identification colors.....	17
Pipe marking signs.....	18
GHS pictogram rolls.....	19
Valve tags.....	22
Equipment tags.....	24
Tank signage.....	25
GHS, ADR/VAK, Road transportation signs.....	28



SAFETY SIGNAGE

Safety signs.....	31
Warning signs.....	34
Prohibition signs.....	38
Mandatory action signs.....	42
Fire fighting signs.....	46
Mandatory signs.....	49
Information signs.....	52
Civil protection signs / Water supply signs.....	54
Environmental protection signs.....	55
Electrical field safety signs.....	57
Preliminary tags.....	63
Combination signs.....	64
Floor marking.....	65
Real estate and yard area signs.....	66



AFTERGLOWING PRODUCTS

Introduction.....	68
Standard signs and product range.....	69
Emergency escape route signs, standard ISO 7010....	71
First aid signs.....	73
Number- and Letter signs.....	74
Fire fighting signs.....	79
Fire fighting number signs.....	81
Afterglowing anti-slip floor marking.....	82
Afterglowing posters.....	83
Low Location Lighting system.....	85
Rules and Regulations.....	86
Light Line PET-X	88
Aluminium profiles and inserts.....	89
Low Location Light mini symbols.....	91
Additional LLL-products.....	94
LED Low Location Light system.....	96
Installation, Measurement and certification.....	98
Electrical escape route signs.....	100
SafeSign LED Escape Sign.....	101
Large explosion proof LED Escape Sign.....	103

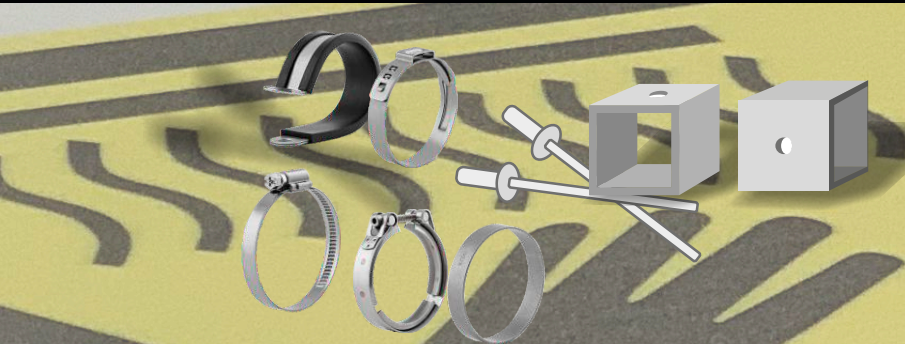


SAFETY PRODUCTS



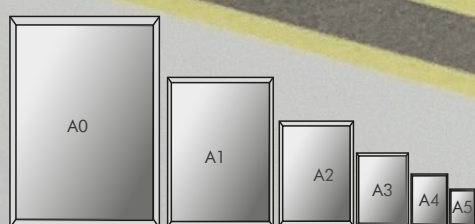
Introduction.....	105
Barrier tape.....	106
Reflective safety tape.....	108
Anti-slip tape.....	109
Light Line Photoluminiscent tape.....	110
Afterglowing tape.....	112
Floormarking tape.....	113
Security Seal tape.....	114
Spray Stop tape + 15 bar.....	115
Spray Stop tape + 50 bar.....	116
Spray Control tape.....	117
Foam mounting tape.....	118
Drip Stop tape.....	119
Bioslube Heath Stop Tape.....	120
Corrosion Stop Zink tape.....	121
Rust Stop Petro tape.....	122
Hatch Cover Blueliner tape.....	123
Emergency leak seal & repair kit.....	124
Pipe Repair Kit.....	125
Barrier products.....	126

FASTENING AND MOUNTING ACCESSORIES



Mounting solutions.....	128
Sign brackets.....	128
Fastening cubes.....	129
Wires and chains.....	129
Wall mounting.....	130
Tolppakiinnikkeet.....	130
Sign brackets.....	131
Rivets.....	131
Hose clamps.....	133
Mounting accessories.....	135
Belzona products.....	139

FRAMES AND MARKETING PRODUCTS



Wayfinding signs.....	144
Snapframes.....	146
Flag Signs.....	147
Signbooks.....	148

TURN KEY SERVICES

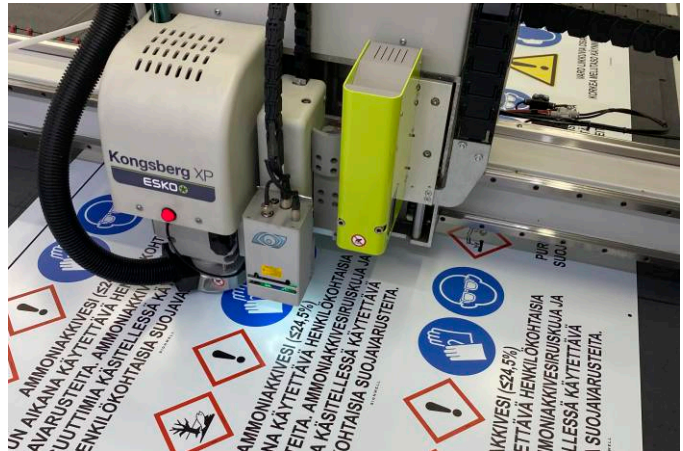
Keys in hand services



Safety signage implementation & certification.....	151
•Project management	
•Site survey	
Engineering & design.....	152
•Budgeting	•Approvals
•Engineering and design	•Maintenance
•Production	•Turn key service
•Installation	

CNC CUTTING TABLE

We have a digital cutting table that is able to cut even the most challenging materials. This speeds up our work and gives the work a neat finish. The operational area of the cutting table is 2000 mm x 3200 mm, so even the largest jobs succeed. With the machine we can pattern cut accurately into different sized cuts from many different materials. (3 kw cutter)



ENGRAVING

With our mechanical engraving machine we can engrave plastic, aluminum, brass and wooden materials. It is also possible to engrave plastic sheets, either from the front or the back side.

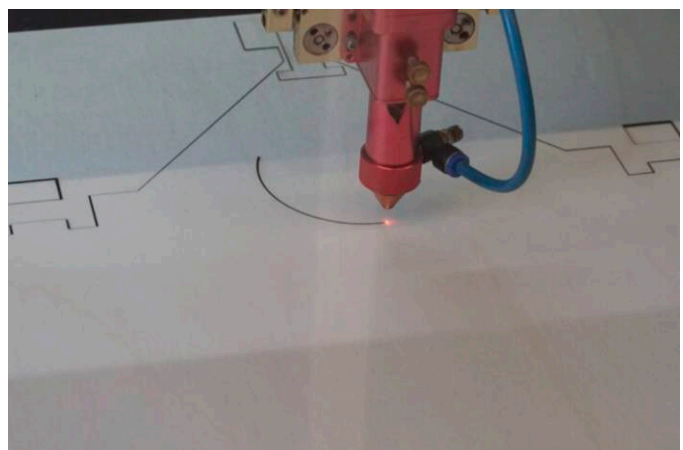
The maximum engraving area is 2000x3000 mm and because of that we are able to supply large batches quickly and inexpensively.



ENGRAVING & FIGURECUTTING

With our laser engraving machine we produce engravings, cuttings and markings on numerous materials such as stainless steel, aluminum, brass, plastic, wood, leather, rubber and glass.

Shape cutting has also been very successful, e.g. letters, numbers and front panels. (maximum engraving area 900 mm x 1300 mm).





LARGE FORMAT PRINTING

FLATBED PRINTING

The printer is both a flatbed printer and a roll to roll printer, so we can practically print with it on any kind of material. The thickness of the material can be up to 45 mm. We are able to print large works, with the maximum width of 2050 mm (length unlimited). Printer resolution up to 720 x 1400 dpi.



Pipe marking

Standards & regulations

11

Pipelines are generally used for marking adhesive labels and tapes, both wet and / or in dirty environments, the slide-in system is recommended, see (page 13).

The label shall indicate the unambiguous name of the substance, flow direction and colour of the fluid identification colour (Tables 1 and 2). If used in the label also abbreviations for substances should be indicated. They are presented in the standard According to PSK 0902. The text size varies of the tube, its diameter and the reading distance (Table 3).

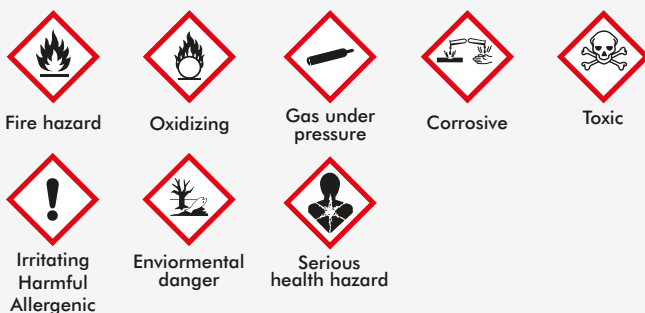
The name of the fluid may be supplemented if necessary immediately followed by pressure, temperature, concentration or other important information with markings. In the labeling of dangerous substances a separate chemical label is used (Table 4).

The piping is marked at the beginning and end of the line as well for each branch and for the bushings on both sides. A long line is marked in about 10-15 meter intervals and the line density of the dangerous substance is reduced as necessary. In vertical pipes the reading direction of the text is from bottom to top. The labelling of the natural gas pipeline must be observed according to standard SFS 3701.

Table 3
Recommended reading distances, **SFS 3701** standard markings

Pipe Ø	Text Height	Reading distance	Size
< 50 mm	10 mm	4 m	160 x 25 mm
50 - 100 mm	16 mm	8 m	250 x 40 mm
100 - 300 mm	25 mm	15 m	400 x 63 mm
> 300 mm	40 mm	20 m	630 x 100 mm

Table 4
Symbols for dangerous substances according to the CLP Regulation:



To limit the number of characters, see page 22.

Table 1
Fluid identification color according to **SFS 3701** standard:

STEAM	Silver gray with black text
AIR	Light blue with black text
GASES	Brownish yellow with black text
WATER	Green with white text
FLAMMABLE LIQUIDS	Brown with white text
ACIDS, BASES	Purple with white text
OTHER FLOWING SUBSTANCES	Black with white text
NATURAL GAS	Yellow with black text
	*) Fire prevention
	*) Dangerous substances

The color tones do not exactly match the actual colors.

*) Used when you want to emphasize the properties of a fluid and purpose.

Table 2
Fluid identification color according to the **European Directive 67/548** and **88/379**:

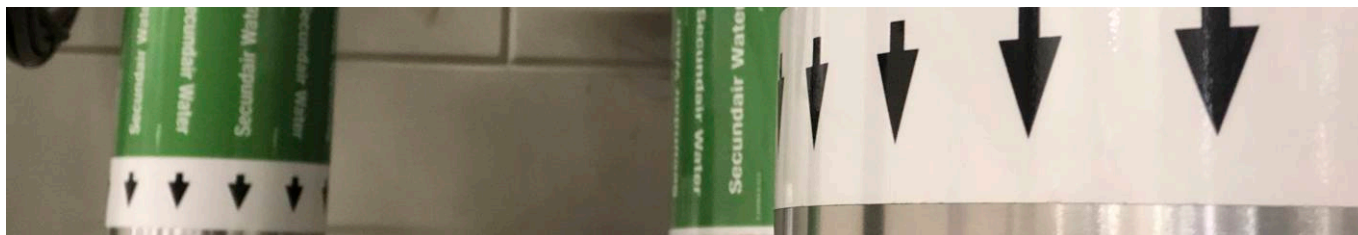
STEAM	Silver gray with black text
AIR	Light blue with black text
GASES	Yellow with black text
WATER	Green with white text
FLAMMABLE LIQUIDS	Brown with white text
ACIDS, BASES	Purple with white text
OTHER FLOWING SUBSTANCES	Black with white text

The color tones do not exactly match the actual colors.

We manufacture pipe marking in Finland according to e.g. following standards:

- **PSK 0902 / SFS3701**
- Swedish **SS741: 13.**
- **ISO 20560**

12 ISO 20560



The new industry standard ISO 20560 has been developed to ensure uniformity in the marking of piping systems and tanks (ISO 20650-1, pipe marking / ISO 20560-2, tanks). For the first time a global standard has been developed that outlines a unified marking safety system for pipes and storage tanks. The uniformity consists of graphical symbols, coherent colour coding and methods for the information distribution, to ensure a faster recognition and an accurate comprehension to enable an immediate identification of potential risk or danger on site.

To ensure maximum safety on site it is of high importance to have everything marked correctly. With the right identification of the content of piping systems and tanks one can minimise risks and misunderstandings during operation and maintenance work, which increases the overall safety level on site.

There have existed various national and international standards for the marking of pipes and tanks, but not a single coherent system. The goal of implementing the new ISO 20560 standard is here to change that. With the standardised system and procedures of marking pipelines and tanks regardless of the facility type, it ensures that the identification of hazards in any type of factory will be consistent and easily understandable to employees and other external services.

Safety information and marking methods outlined in ISO 20560 supplement the existing and commonly used ISO 7010 standards – for hazard and safety signs as well as emergency exits, and the Globally Harmonised System of Classification and marking of Chemicals (GHS).

Table 7
Fluid identification color according to **ISO 20560-1**

HAZARDOUS SUBSTRATES	Yellow with black text	• Safety color
GASES IN EITHER GASEOUS OR LIQUIFIED CONDITION	Grey with black text	• Identification color
LIQUIDS AND FIXED MATERIALS (POWDER, GRANULATES)	Black with white text	• Identification color
ACIDS	Orange with black text	• Identification color
ALKALIS (LEACHES)	Violet with white text	• Identification color
FIREFIGHTING MEDIUM	Red with white text	• Identification color
WATER	Green with white text	• Identification color
AIR	Blue with white text	• Identification color

The colors do not match the exact final product

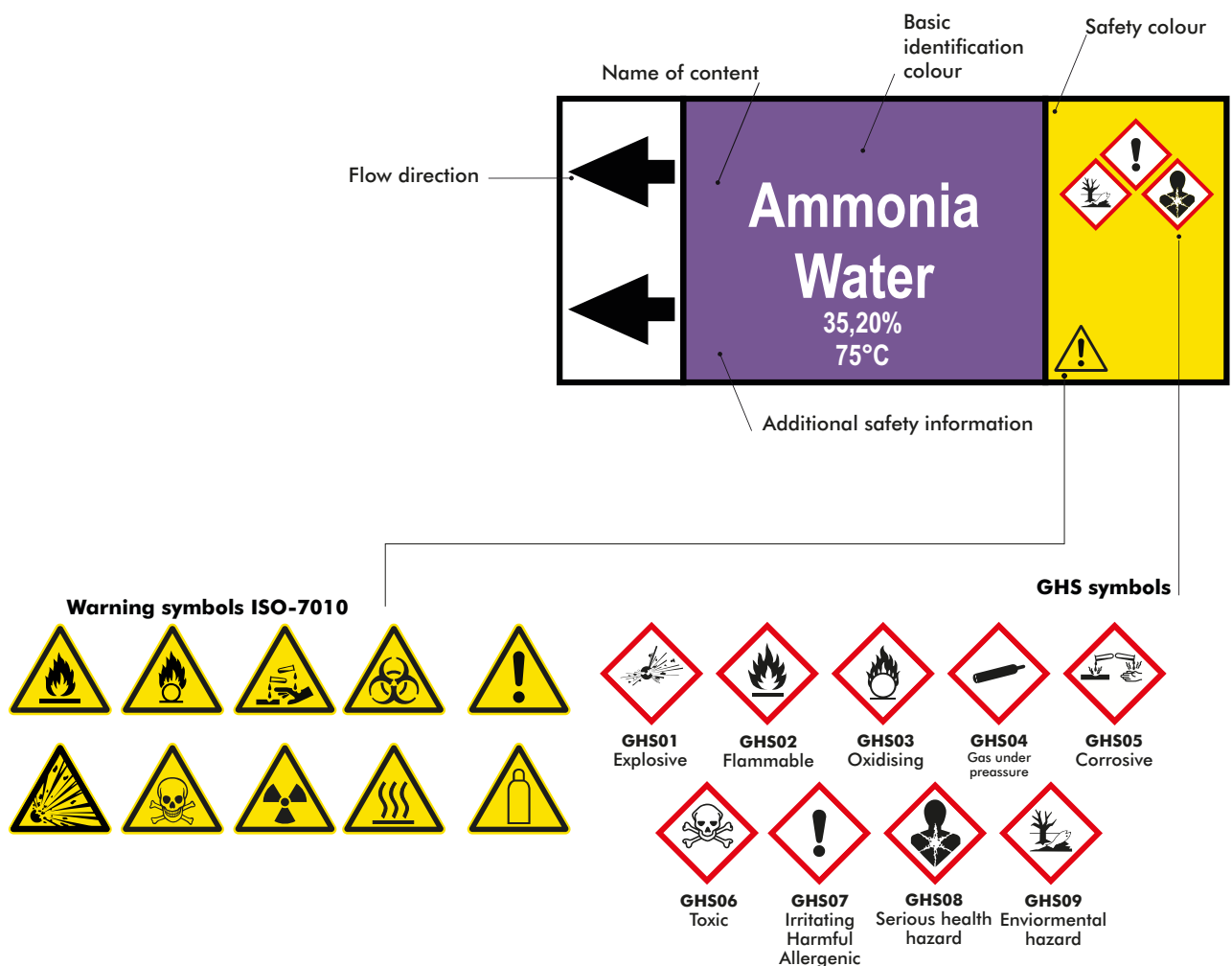


Elements of the safety information system for pipelines

The amount of information contained in a pipeline marking system depends on several factors. The facility type plays a big role, its complexity, the availability of safe work instructions as well as the competences and skills of those working on each section of the installation. Each enterprise is required to select the necessary information to be displayed on the pipelines on the basis of its own operating instructions and the hazards resulting from work organisation and risk assessment procedures.

Information contained in the safety marking system must include:

- Colour coding to identify the contents of the pipeline
- The name of the content/ substance
- Flow direction arrows
- Warning symbols and GHS symbols either on their own or together (if necessary)



ISO 20560 standard Pipe marking sizes:

Pipe Ø	Minimum width of basic colour
$d \leq 150$ mm	85 mm
$150 \leq d \leq 500$ mm	120 mm
$500 \text{ mm} \leq d$	200 mm

The height of the pipe marking depends on the diameter of the pipe

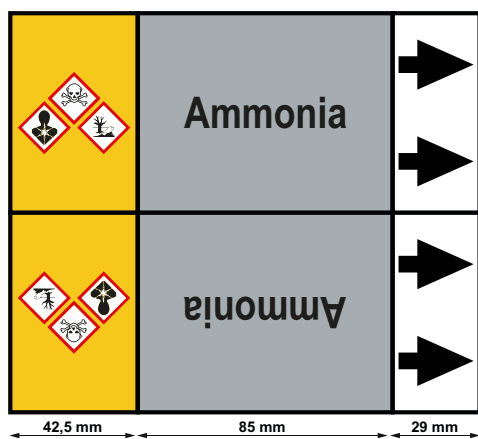
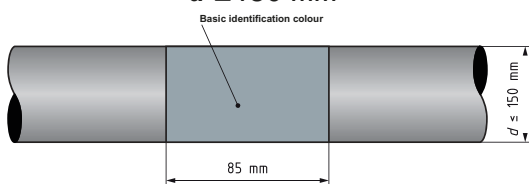
Height (k) = $50 \times \text{pipe diameter} / \text{minimum base color width}$.

For example:

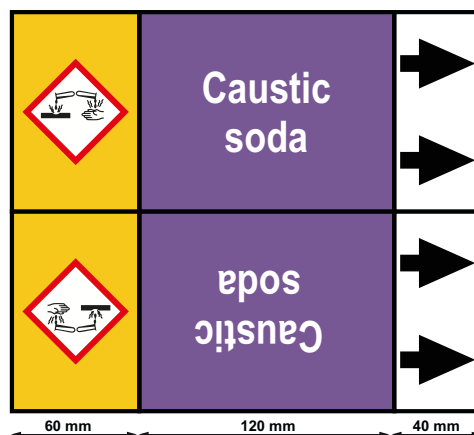
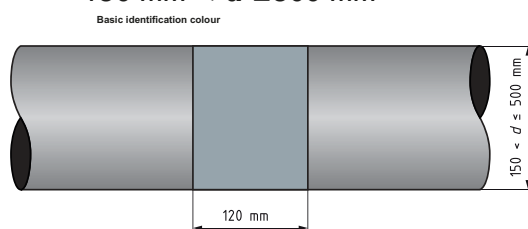
$k = 50 \times 90 / 85 = 52.9$ mm - for a pipe with a diameter of 90 mm

$k = 50 \times 170 / 120 = 70.8$ mm for a pipe with a diameter of 170 mm.

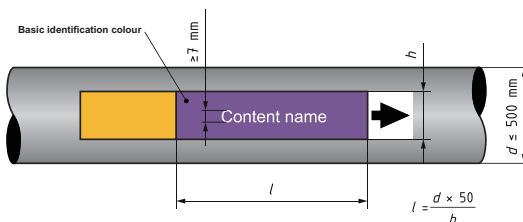
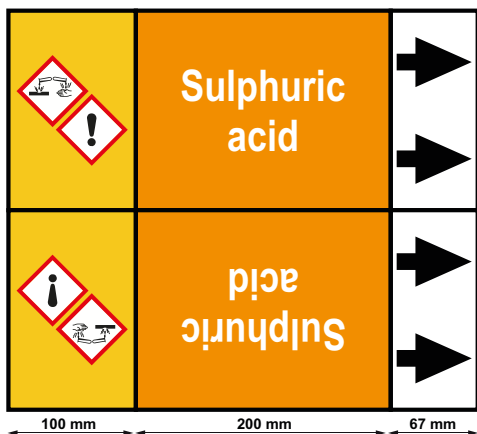
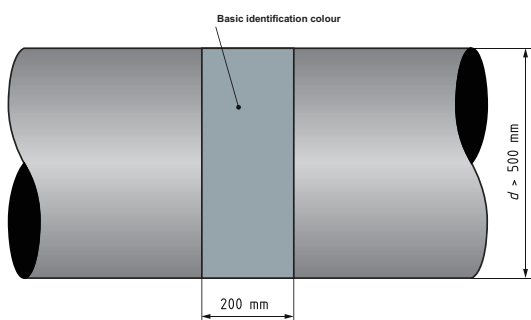
$d \leq 150$ mm



$150 \text{ mm} < d \leq 500$ mm



$150 \text{ mm} < d \leq 500$ mm



Options for pipeline marking quality

15

We supply pipe markings for every need (marine, industrial & real estate) worldwide. Our Pipe Markers are available in 3 different grades and can be customized to include any pipe, contents and flow direction for your or your customer's needs. Over the years, we have gained many satisfied customers from all over the world.

At the ordering stage, be sure to add the ordered quality:

- **Economy**
- **Standard**
- **Premium/ PolyesPro®.**

◀ FEED WATER ▶



Economy

Economy pipe marking tape is an economical non-laminated vinyl version. The recommended areas of use for this tape are indoor, but it can be used outdoors with a shorter lifespan compared to our Premium and Standard marking grades.

Features:

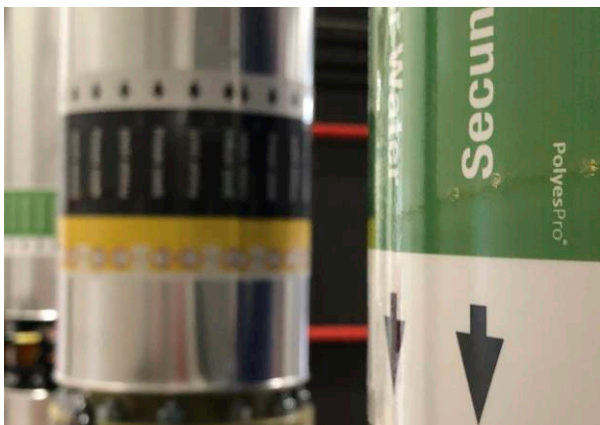
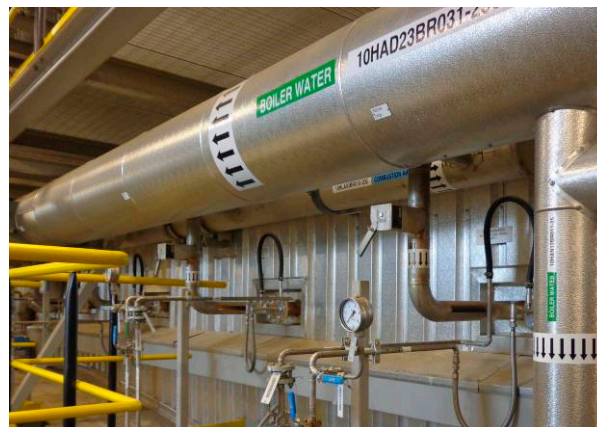
1. Non- laminated
2. For indoor use

Standard

This pipe marking tape is made of a standard high performance vinyl, made with "sandwich" technology. Standard pipe marking tapes come with a glossy finish. It is suitable for both outdoor and indoor use.

Features:

1. UV-resistant
2. Scratch resistant
3. Resistant to Dilute Acids & Solutions
4. For indoors / outdoors use



Premium

Premium Pipe Marking is a 3M™ MCS™ (Matched Components System™) made with high performance PVC free "Sandwich" (tape-ink-laminate) technology. With high temperature resistance, long lifespan and perfect color fastness, it is one of the highest quality pipe marking tapes on the market today.

Features:

1. UV-resistant
2. Scratch resistant
3. Chemical resistant
4. Excellent for extreme weather conditions

16 Polyespro® Pipeline markings

We are an official supplier of the specially developed PolyesPro® pipe markings. This product is the highest available quality pipe marking and has a better temperature resistance, therefore a longer lifespan and improved colourfastness. The tape comes with all the usual 3M™ guarantees. PolyesPro® pipeline markings are made out of two layers; a PVC free polyester base material with the image, finished with a protective laminate. As a result, the material is suitable for insulated pipes, painted pipes and stainless steel pipes.

Benefits of PolyesPro®:

- UV-resistant
- Scratch-resistant
- Usable in extreme weather condition
- Withstand chemicals
- Strong adhesive
- Greater thickness
- Temperature resistance -40 °C up to +130 °C



PolyesPro®
Official Reseller



SFS 3701 standard pipe marking tapes

17



Art. No.	Size	pcs/Sheet
SFS1-	Size 160 x 25 mm	15 pcs
SFS2-	Size 250 x 40 mm	9 pcs
SFS3-	Size 400 x 63 mm	6 pcs
SFS4-	Size 630 x 100 mm	4 pcs



Names and colors of fluids on **page 18**.

Labels are delivered on a sheet or separately.
The extra arrow is meant to be cut off in the installation stage.

European standard pipe marking tapes

Art. No.	Size	pcs/Sheet
PM1-	Size 120 x 20 mm	19 pcs
PM2-	Size 240 x 40 mm	9 pcs
PM3-	Size 360 x 60 mm	6 pcs



Names and colors of fluids on **page 18**.

Labels are delivered on a sheet or separately.
The extra arrow is meant to be cut off in the installation stage.



Flowdirection tapes

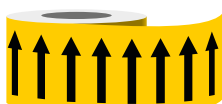
Art. No.	Size	Min. Qty.
TP1-	Size 10 m x 50 mm	6 rolls
TP2-	Size 10 m x 80 mm	5 rolls
TP3-	Size 10 m x 135 mm	3 rolls



Art. No.	Size	Min. Qty.
TP4-	Size 10 m x 50 mm	6 rolls
TP5-	Size 10 m x 80 mm	5 rolls
TP6-	Size 10 m x 135 mm	3 rolls



Art. No.	Size	Min. Qty.
TP7-	Size 10 m x 50 mm	6 rolls
TP8-	Size 10 m x 80 mm	5 rolls
TP9-	Size 10 m x 135 mm	3 rolls



Colour alternatives	Art. No.
White	-001
Yellow	-002
Orange	-003
Red	-004
Violet/ Lilac	-005
Light blue	-006

Colour alternatives	Art. No.
Blue	-007
Green	-008
Silver Grey	-009
Yellowbrown	-010
Brown	-011
Black	-012



Names and colors of fluids on **page 18**.
Other colors and arrow shapes are available on request.



Fluids for pipeline markings and their identification colors (SFS 3701)

STEAM Art. no.

EXHAUST VAPOR	101
STEAM	102
HIGH PRESSURE STEAM	103
SATURATED STEAM	104
DIRTY STEAM	105
LOW PRESSURE STEAM	106
SECONDARY STEAM	107
MEDIUM PRESSURE STEAM	108

AIR Art. no.

VACUUM AIR	201
AIR	202
INSTRUMENT AIR	203
COOLING AIR	204
RECYCLING AIR	205
DRYING AIR	206
HEATING AIR	207
COMPRESSED AIR	208
COMBUSTION AIR	209
EXHAUST AIR	210
TRANSFER AIR	211
SEALING AIR	212
INCOMING AIR	213

GASES Art. no.

AMMONIA	301
ARGON	302
ACETYLENE	303
BUTANE	304
ETHANE	305
HYDROGEN FLUORIDE	306
ODOROUS GAS	307
OXYGEN	308
HELIUM	309
CARBON DIOXIDE	310
CARBON MONOXIDE	311
HYDRO CARBON GAS	312
WASTE GAS	313
HYDROGEN CHLORIDE	314
METHANE	315
LIQUID PETROLEUM GAS	316
FUEL GAS	317
PROPANE	318
SULPHUR DIOXIDE	319
HYDROGEN SULPHIDE	320
FLUE GAS	321
INERT GAS	322
NITROGEN	323
HYDROGEN	324

WATERS Art. no.

EFFLUENT	401
COOLING WATER	402
SCRUBBING WATER	403
BOILER WATER	404
DISTRICT HEATING WATER	405
DISTRICT HEATING WATERCHEM.	406
PURIFIED WATER	407
CIRCULATION WATER	408
HOT WATER	409
CHILLED WATER	410
CONDENSATE	411
CONDENSATE, DIRTY	412
WARM WATER	413
SEA WATER	414
WASH WATER	415
RAW WATER	416
STORM WATER	417
FILTERED WATER	418
FEED WATER	419
POTABLE WATER	420
MILL WATER	421
SEALING WATER	422
SECONDARY CONDENSATE	423
PURIFIED CIRCULATION WATER	424

FLAMMABLE LIQUIDS Art. no.

ACETONE	501
BUTANOL	502
ETHANOL	503
GLYCOL	504
ISOPROPANOL	505
WASTE OIL	506
LIGHT FUEL OIL	507
TALL OIL	508
COATING AGENT / OIL	509
PROPANOL	510
HEAVY FUEL OIL	511
SOAP OIL	512
SEAL OIL	513
TOULENE	514
TURPENTINE	515
RECYCLED OIL	516
LUBRICATION OIL	517

Fire fighting equipment Art. Nr.

FIRE FIGHTING WATER	425
SPRINKLER WATER	426

ACIDS & CORROSIVES Art. no.

AMMONIUM HYDROXIDE	601
ACETIC ACID	602
PHOSPHORIC ACID	603
WASTE ACID	604
CHLORINE WATER	605
LIQUOUR	606
BLACK LIQUOUR	607
FORMIC ACID	608
SODIUM BICARBONATE	609
SODIUM PHOSPHATE	610
SODIUM CARBONATE	611
SODIUM SILICATE	612
SODIUM SULPHATE	613
WASH ACID	614
WASH LIQUOUR	615
HEAVY BLACK LIQUOUR	616
SULPHUROUS WATER	617
SULFURIC ACID	618
HYDROCHLORIC ACID	619
SOAP	620
NITRIC ACID	621
STRONG BLACK LIQUOUR	622
GREEN LIQUOUR	623

OTHER FLOWING SUBSTANCE Art. no.

ALUMINIUM SULPHATE	701
ALUM	702
BIOCIDE	703
DISPERSING AGENT	704
DITHIONITE	705
PHOSPHATE	706
GLYCOL WATER	707
ROSIN SIZE	708
WASTE	709
LIME	710
KAOLIN	711
COPPER SOLUTION	712
FERTILIZER SLUDGE	713
LATEX	714
SLUDGE	715
ADDITIVE	716
SODIUM SULPHATE	717
WASHING SOLUTION	718
REJECT	719
RETENTION AGENT	720
SELENIUM SOLUTION	721
ASH	722
PEAT	723
STARCH	724
UREA	725
FOAM WASHING AGENT	726
HYDROGEN PEROXIDE	727
DYE SOLUTION	728

ORDER SIGN: Pipe marking lists should be sent in Excel-format**SFS2-422** = **FEED WATER**
250x40 mm

- Inform the QTY
- Quality: Premium/Standard/Economy

Standard sizes and materials

• 160 x 25 mm • 250 x 40 mm • 400 x 63 mm • 630 x 100 mm

Slide- In Pipe Marking System

19

substances on previous page.

Art. No.	Size (mm)
PK1 -	252 x 35 mm
PK2 -	396 x 75 mm
PK3 -	630 x 130 mm



The Slide- In Sign is used in places where the sticker / tape does not stick or can't be glued on e.g. in harsh environments



- 1 Stainless steel profile**
- 2 Back engraved or printed plastic plate**
- 3 Stainless steel mounting cubes**
- 4 Stainless steel rivets**

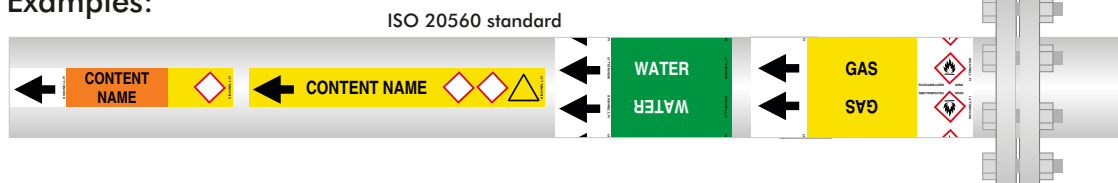
Parts are delivered separately.
Upon request, can we pre-install the shield.
The flow direction must then be reported.

The plates are attached to the pipe with clamps, 2 pcs / plate.

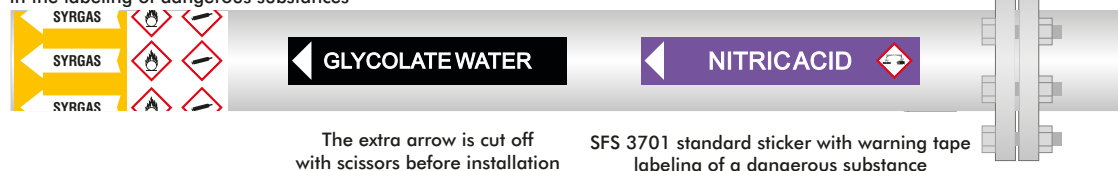
Plate model PK1 can also be attached with mounting bracket and one with a tensioner.

Mounting accessories from page 55

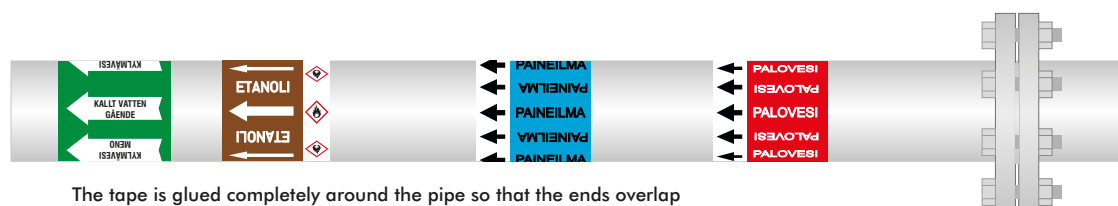
Examples:



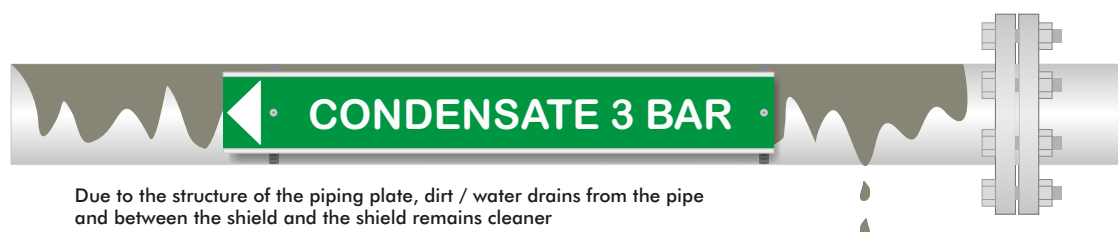
SS 741:2017 standard sticker with warning tape in the labeling of dangerous substances



SFS 3701 standard sticker with warning tape labeling of a dangerous substance



The tape is glued completely around the pipe so that the ends overlap



Due to the structure of the piping plate, dirt / water drains from the pipe and between the shield and the shield remains cleaner

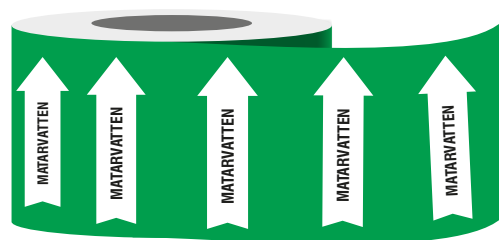
20 SS741:2017 standard för rörmärkning



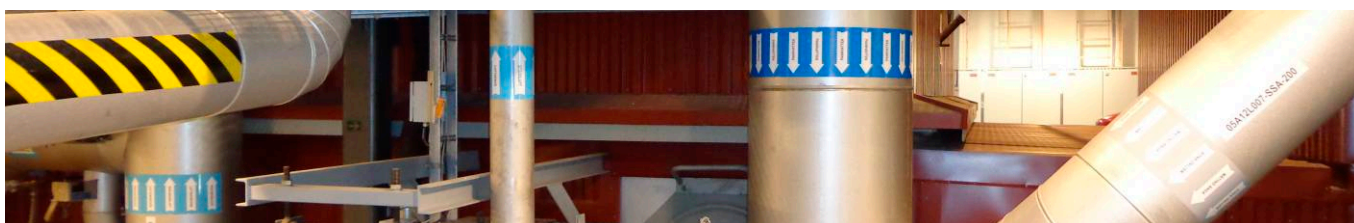
Rörmärkning enligt SS741:2017 standard. En synlig och tydligt kommunicerande identifikation av rörlinjer inom industrin är viktigt.

En klar märkning höjer säkerheten i den dagliga verksamheten samt då enskilda linjer eller flera linjer underhålls. Färgen på rörmärkningen samt informationen i den vita pilen indikerar vad rörlinjen innehåller.

Märkningen levereras på rulle i ett flertal bredder samt två olika längder. Se följande sida för specifik information.



Art. nr.	Storlek	Art. nr.	Storlek
SS74151-	80mm x 5m	SS741101-	80mm x 10m
SS74152-	110mm x 5m	SS741102-	110mm x 10m
SS74153-	160mm x 5m	SS741103-	160mm x 10m
SS74154-	310mm x 5m	SS741104-	310mm x 10m



Tabell 8
Märfärg enligt SS741:2013:

Brandfarliga gaser	Orange med vit pil & svart text	• Märfärg
Brandfarliga vätskor	Brun med vit pil & svart text	• Märfärg
Oxiderande gaser & vätskor	Gul med vit pil & svart text	• Märfärg
Frätande och giftiga vätskor	Violett med vit pil & svart text	• Märfärg
Luft och vakuum	Ljusblå med vit pil & svart text	• Märfärg
Vattenånga	Grå med vit pil & svart text	• Märfärg
Vatten	Grön med vit pil & svart text	• Märfärg
Färskvatten (renat)	Blå med vit pil & svart text	• Märfärg
Massor, suspensioner	Ljusröd med vit pil & svart text	• Märfärg
Övriga gaser	Ljusbrun med vit pil & svart text	• Märfärg
Övriga vätskor	Svart med vit pil & svart text	• Märfärg
Brandskydd	Röd med vit pil & svart text	• Märfärg

Peraturan keselamatan kerja
dan kesehatan kerja
yang harus diperhatikan
dalam bekerja
adalah sebagai berikut:

AMMONIAK



S4HTS51 BR001

AMMONIAK



S4HTS52 BR001

S4HAH30 BR601

KONDENSAT

KONDENSAT

AMMONIAK



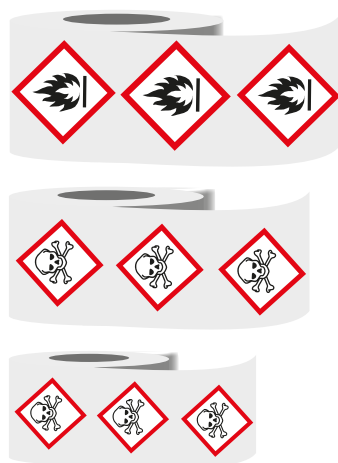
S4HTS51 BR001












The GHS (Globally Harmonised System) is an internationally agreed standard that warns users of the potential hazards of handling chemicals and substances in the workplace using pictograms and labels. Each label is fully universal and has easy-to-understand icons that accurately and effectively tell workers about the health hazards they may face when working with certain chemicals.










Our GHS stickers stick to almost any surface and are designed to stick even in extreme conditions. There are two label sizes to choose from to meet your GHS labelling needs. CLP compliant GHS warning pictogram rolls / sheets are a convenient method of marking pipelines.

Our Pipe Markers are available in 3 different grades; Economy Standard Premium / PolyesPro®.



Description	Art. nro. 40mm x 10m	Art.nro. 60mm x 10m	Art.nro. 80mm x 10m
 Explosive	RGHS0140	RGHS0160	RGHS0180
 Fire hazard	RGHS0240	RGHS0260	RGHS0280
 Oxidizing	RGHS0340	RGHS0360	RGHS0380
 Gas under pressure	RGHS0440	RGHS0460	RGHS0480
 Corrosive	RGHS0540	RGHS0560	RGHS0580
 Toxic	RGHS0640	RGHS0660	RGHS0680
 Harmful Irritant Allergenic	RGHS0740	RGHS0760	RGHS0780
 Serious health hazard	RGHS0840	RGHS0860	RGHS0880
 Environmental hazard	RGHS0940	RGHS0960	RGHS0980



Description	Art. nro. 30mm x 30mm	Art.nro. 60mm x 60mm
 Explosive	AGHS0130	AGHS0160
 Fire hazard	AGHS0230	AGHS0260
 Oxidizing	AGHS0330	AGHS0360
 Gas under pressure	AGHS0430	AGHS0460
 Corrosive	AGHS0530	AGHS0560
 Toxic	AGHS0630	AGHS0660
 Harmful Irritant Allergenic	AGHS0730	AGHS0760
 Serious health hazard	AGHS0830	AGHS0860
 Environmental hazard	AGHS0930	AGHS0960

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

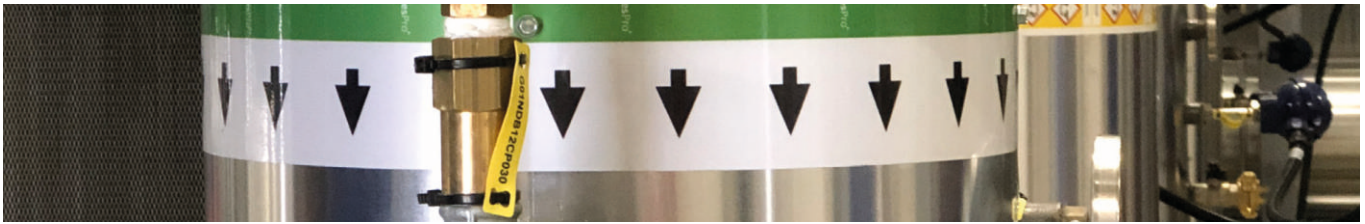
Material:

- Sticker

NOTE! Other sizes available on request.

Standard sizes can be found in stock and therefore are immediately available:

- 30x30mm A4 in a sheet 94pcs • 60x60mm A3 in a sheet 63pcs
- 40mm x 10m • 80mm x 10m



Clarity and controllability are particularly important factors in central manufacturing. The comprehensive range of electrical installation accessories also includes convenient marking accessories, which means that the installation does not take up space in electrical switchboards. Flexibility is the key in many electrical engineering projects. For this purpose, we offer manual marking systems.

Durable and easy-to-use labelling systems are a requirement today for a variety of industrial applications. Whether it is a wire and cable marking, a device marking, a component marking or a safety marking, we offer a solution for most applications.

Description	Material	Color:	Dimensions: (mm)	Art.no.
TagPU UV resistant	Polyurethane	White	10mm x 51mm	TAGPU10X51-4-PUR-WH
TagPU UV resistant	Polyurethane	Yellow	10mm x 51mm	TAGPU10X51-4-PUR-YE
TagPU UV resistant	Polyurethane	White	20mm x 51mm	TAGPU20X51-4-PUR-WH
TagPU UV resistant	Polyurethane	Yellow	20mm x 51mm	TAGPU20X51-4-PUR-YE
TipTag PO UV resistant	Polyolefin (PO)	Yellow	15mm x 105mm	TIPTAG15X105YE



TagPU

The TAGPU marking profile is ideal for outdoor applications where e.g. UV radiation resistance.

- Halogen free
- White / Yellow
- Good mechanical resistance.
- Very flexible
- UV resistant material
- Meets MIL-STD 202G Method 215K requirements



TipTag PU

TIPTAG marking profile for marking large pieces and bundles.

- Self-extinguishing
- Abrasion resistant
- UV resistant
- Halogen free
- Operating temperature ranges from -65 ° C to + 120 ° C

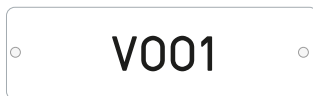
Valve tags



We manufacture valve tags in different sizes and colours according to standards and customer requirements. Also available in different shapes, such as round.

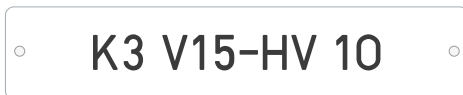


Valve tag



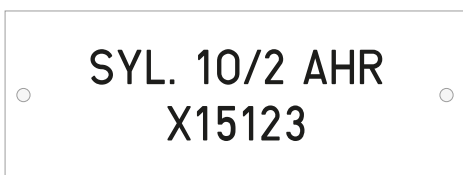
- 74 x 22 mm
- Stainless steel: **R1X7422**
 - Aluminium: **A1X7422**
 - Plastic: **M1X7422**

Valve tag



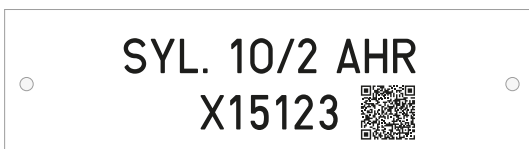
- 110 x 22 mm
- Stainless steel: **R1X1122**
 - Aluminium: **A1X1122**
 - Plastic: **M1X1122**

Valve tag



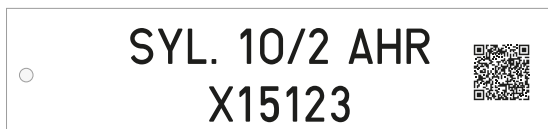
- 110 x 40 mm
- Stainless steel: **R1X1140**
 - Aluminium: **A1X1140**
 - Plastic: **M1X1140**

Valve tag



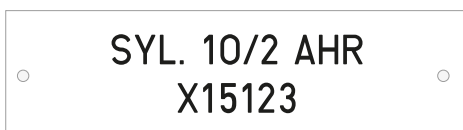
- 126 x 35 mm
- Stainless steel: **R1X12635**
 - Aluminium: **A1X12635**
 - Plastic: **M1X12635**

Valve tag



- 130 x 30 mm
- Stainless steel: **R1X13030**
 - Aluminium: **A1X13030**
 - Plastic: **M1X13030**

Valve tag



- 110 x 30 mm
- Stainless steel: **R1X1130B**
 - Aluminium: **A1X1130B**
 - Plastic: **M1X1130B**

The fastening methods are:

- Double-sided tape
- Rivets (aluminium or stainless steel)
- Screws
- Shield bracket (aluminium or stainless steel) and hose clamp (stainless steel)
- Plastic-coated steel wire and compression sleeve
- Ball chain and lock (RST)

To expedite delivery:

- The texts of the plates in electronic format
- Excel spreadsheet
- Word or .pdf documents
- AutoCad, etc.

The plates are always packed according to the list we receive.

* RST plates are supplied with rounded corners R5 and are therefore higher. Plastic and aluminium plates are also available with rounded corners on request.

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

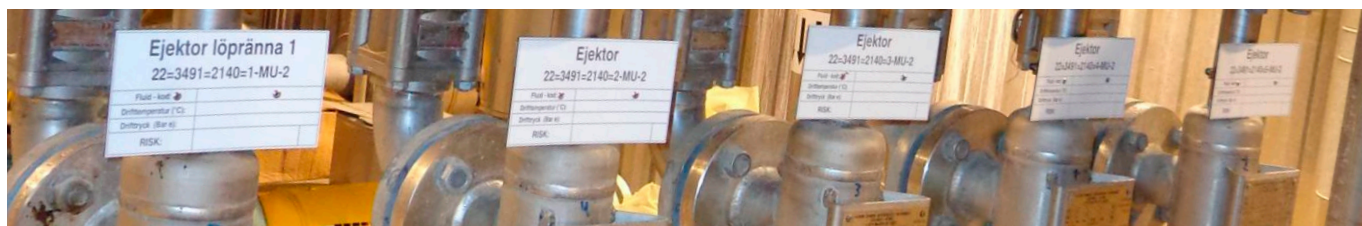
All of the signs on the list are available in several different materials:

- Stainless steel
- Aluminium
- Plastic

NOTE! customised designs available.
Below are a few standard sizes:

Standard sizes and materials are in stock and immediately available

- 74 x 20 mm
- 74 x 22 mm
- 110 x 20 mm
- 110 x 22 mm
- 110 x 40 mm
- 126 x 35 mm
- 130x30mm



For demanding conditions, we recommend the VK06 / VK07 plate, which consists of a plastic textile strip and a stainless steel rail. The text is engraved (mirror engraved and painting) or printed on the back side of the strip and thus the text is protected from hard wear.

Thanks to the stainless steel rail, the plate is very durable and does not crack, for example at the mounting holes, and if necessary, the plastic strip can be replaced.

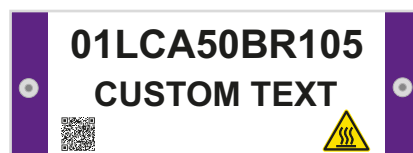
The shield is attached to the target with pull rivets / screws or a sign bracket and hose clamp.

Valve tag



126 x 35 mm
• Rostfritt stål
• Aluminium
• Plast

Valve tag with distinct color and QR code



126 x 35 mm
• Rostfritt stål
• Aluminium
• Plast

Valve tag with distinct color



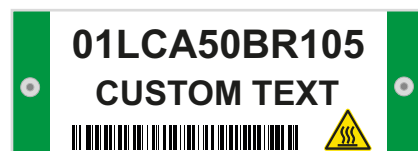
126 x 35 mm
• Rostfritt stål
• Aluminium
• Plast

Valve tag



126 x 35 mm
• Rostfritt stål
• Aluminium
• Plast

Valve tag with distinct color and barcode



126 x 35 mm
• Rostfritt stål
• Aluminium
• Plast

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

• RST Rail • Aluminium Rail • Plastic Rail

Standard sizes and materials are in stock and immediately

• 126 x 35 mm

Actuators such as pumps, mixers, filters, etc. are marked with a plate showing the position number and name of the device. The plate is made of engraved plastic, aluminium or stainless steel as required and according to the requirements of the conditions.

The size and appearance of the device plate varies according to different factory standards and the size must be chosen to be sufficiently visible to carry out maintenance and repair work safely and to improve the safety in the event of an accident.

Actuator tag



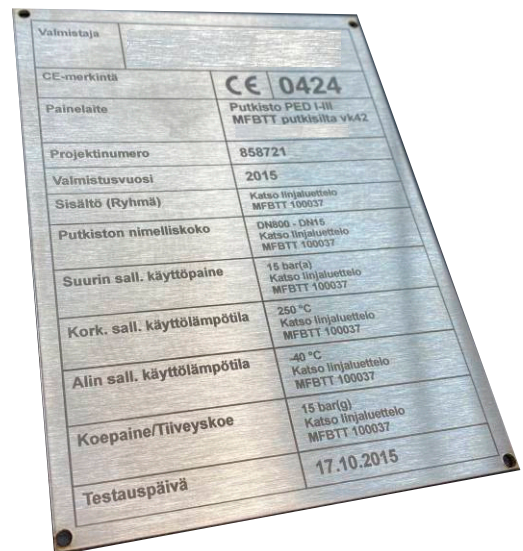
- Stainless steel
- Aluminium
- Plastic

The position number is generally the most important information device on the shield and therefore appears with higher text.

Actuator tag

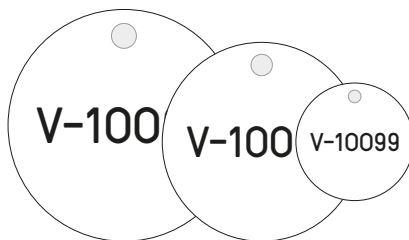


- Stainless steel
- Aluminium
- Plastic



Tags for chemical equipment and devices use a yellow background and black text in accordance with PSK 0902.

Ställidons tag



- Ø 25mm
- Ø 40mm
- Ø 50mm
- Rostfritt stål
- Aluminium
- Plast



The tag shall be placed in the immediate vicinity of the device or on the device so that the marking is as visible as possible. There are many fastening options and the most popular are double sided tape / glue or rivets / screws.
More mounting options on pages 147-.

Tank signage & labelling

KEVYT POLTTOÖLJY
LIGHT FUEL OIL
20 m³



KEVYT POLTTOÖLJY
LIGHT FUEL OIL
20 m³





A signage shall be affixed to the side of a container of dangerous goods, which shall be clearly distinguishable and then placed so that it is easily visible. The label indicates the substance in the tank, the cubic volume and any position number. The letter height of the tank marking is selected based on the tank volume (Table 6).

Table 6

Volume and text height according to **SFS 5491** standard

Volume	Text height Minimum	Warning sign Minimum	Text reading distance	Sign size (length according to the text)
$1 \leq V < 15 \text{ m}^3$	50 mm	100x100 mm	20 m	1000x300 mm
$15 \leq V < 50 \text{ m}^3$	100 mm	100x100 mm	35 m	1500x500 mm
$\geq 50 \text{ m}^3$	150 mm	250x250 mm	50 m	2000x1000 mm

For example:



The tank plates are mainly made of plastic or aluminium. Stainless steel is used in factory environments where there is a risk of chemical corrosion. It is also possible to attach to a separate rack in the vicinity of the tank

To limit the number of warning signs on the tank plate, the following applies principles of priority (SFS 5491):

Explanation

Symbol

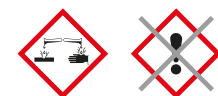
If the warning symbol **GHS01** must be used, the warning signs **GHS02** and the use of **GHS03** is optional unless mandatory (self-reactive substances and mixtures, type B and organic peroxides, type B)



If the warning symbol **GHS06** has to be used, it should not be used with the warning symbol **GHS07**



If the warning symbol **GHS05** has to be used, the dermal or eye irritation warning symbol **GHS07** shall not be used.



If respiratory sensitiser warning symbol **GHS08** is required, skin sensitization or eye irritation warning symbol **GHS07** shall not be used.



The warning symbol **GHS04** is not required for such pressures for gases with the warning symbols **GHS02** or **GHS06**



30 Tank Labelling

Tank Labelling additional Signs, ROA-Instructions

ROA (Accident Hazardous Substances) guidelines can be used when preparing chemical hazards and their control in production facilities, tank areas and in the vicinity of chemical depots.

The rating plates are placed, for example, on the side of the tank next to the pump, manual valve, etc. Also pump rooms and storage doors or walls

Examples:



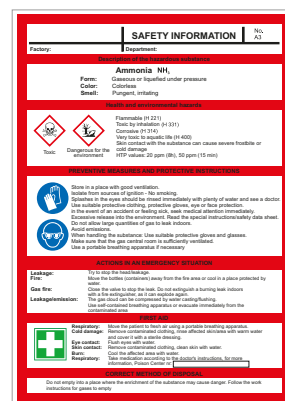
Size [mm]:
200x300
300x400
400x600

Material:

- Sticker
- Plastic
- Aluminium

Hazard statements (H-phrases) are used to describe a dangerous substance or the nature of the hazards of the mixture and where relevant, the degree of hazard. Hazard statements determined by the hazard class and category of the substance.

Precautionary statements (P-phrases) are used to describe the recommended measures. Resulting from the use or disposal of the dangerous substance or mixture to reduce or prevent the adverse effects of exposure.



Size [mm]:
A4
A3
A2

Material:

- Paper
- Sticker
- Plastic
- Aluminium



Product	Dimensions [mm]	Art. Nr.
Snapframe A5	148x210 mm	SFA50
Snapframe A4	210x297 mm	SFA40
Snapframe A3	297x420 mm	SFA30
Snapframe A2	420x594 mm	SFA20
Snapframe A1	594x841 mm	SFA10
Snapframe A0	841x1189 mm	SFA00

Snapframe is a pressed aluminum frame on which you can easily mount a poster. This product is durable and long-lasting. Thanks to its good materials, it is easily recyclable and an environmentally friendly choice.

- For safety bulletins
- For departure route diagram
- For instructions on electric shock
- For first aid instructions
- For area maps

Hazardous Substance tapes/GHS

31

Explosive



GHS01
100 x 100 mm
250 x 250 mm

Flammable



GHS02
100 x 100 mm
250 x 250 mm

Oxidising



GHS03
100 x 100 mm
250 x 250 mm

Gas under pressure



GHS04
100 x 100 mm
250 x 250 mm

Corrosive



GHS05
100 x 100 mm
250 x 250 mm

Toxic



GHS06
100 x 100 mm
250 x 250 mm

Harmful Irritant Allergenic



GHS07
100 x 100 mm
250 x 250 mm

Serious health hazard



GHS08
100 x 100 mm
250 x 250 mm

Environmental hazard



GHS09
100 x 100 mm
250 x 250 mm

How to measure



MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:
• Sticker • PVC plastic • Lightweight aluminium • Aluminium composite

Standard sizes and materials are in stock and immediately available
• 100 x 100 mm • 250 x 250 mm

ADR/VAK -Road transportation Signs

Explosive 1.1. 1.2. 1.3.



IM001
100 x 100 mm
250 x 250 mm

Explosive 1.4



IM002
100 x 100 mm
250 x 250 mm

Explosive 1.5



IM003
100 x 100 mm
250 x 250 mm

Explosive 1.6



IM004
100 x 100 mm
250 x 250 mm

Flammable Gas 2.1.



IM005
100 x 100 mm
250 x 250 mm

Flammable Gas 2.1.



IM006
100 x 100 mm
250 x 250 mm

Non-Flammable Compressed gas 2.2.



IM007
100 x 100 mm
250 x 250 mm

Non-Flammable Compressed gas 2.2.



IM008
100 x 100 mm
250 x 250 mm

Toxic Gas 2.3.



IM009
100 x 100 mm
250 x 250 mm

Flammable Liquid 3.1. 3.2. 3.3.



IM010
100 x 100 mm
250 x 250 mm

Flammable Liquid 3.1. 3.2. 3.3.



IM011
100 x 100 mm
250 x 250 mm

Flammable Solid 4.1.



IM012
100 x 100 mm
250 x 250 mm

Spontaneously Combustible 4.2.



IM013
100 x 100 mm
250 x 250 mm

Dangerous when wet 4.3.



IM014
100 x 100 mm
250 x 250 mm

Dangerous when wet 4.3.



IM015
100 x 100 mm
250 x 250 mm

Oxidizing agent 5.1.



IM016
100 x 100 mm
250 x 250 mm

32 ADR/VAK -Road transportation Signs



<p>Organic Peroxide 5.2.</p> <p>IM017 100 x 100 mm 250 x 250 mm</p>	<p>Organic Peroxide 5.2.</p> <p>IM018 100 x 100 mm 250 x 250 mm</p>	<p>Toxic 6.1.</p> <p>IM019 100 x 100 mm 250 x 250 mm</p>	<p>Infectious substance 6.2.</p> <p>IM020 100 x 100 mm 250 x 250 mm</p>
<p>Radioactive</p> <p>IM021 100 x 100 mm 250 x 250 mm</p>	<p>Radioactive</p> <p>IM022 100 x 100 mm 250 x 250 mm</p>	<p>Radioactive category 1</p> <p>IM023 100 x 100 mm 250 x 250 mm</p>	<p>Radioactive category 2</p> <p>IM024 100 x 100 mm 250 x 250 mm</p>
<p>Radioactive category 3</p> <p>IM025 100 x 100 mm 250 x 250 mm</p>	<p>Corrosive 8</p> <p>IM026 100 x 100 mm 250 x 250 mm</p>	<p>Dangerous substance 9</p> <p>IM027 100 x 100 mm 250 x 250 mm</p>	<p>Marine Pollutant</p> <p>IM028 100 x 100 mm 250 x 250 mm</p>

How to measure



MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- Sticker • PVC plastic • Lightweight aluminium • Aluminium composite

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 250 x 250 mm



559
2015



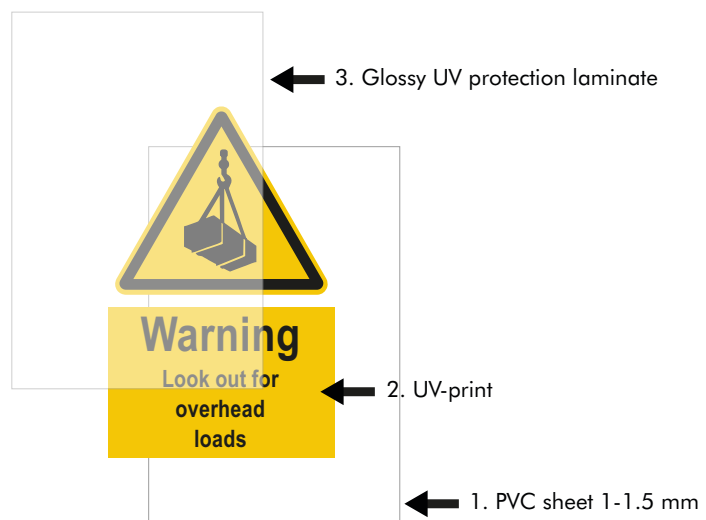
SAFETY SIGNS



Sustainability through innovative

Safety signs and signage systems is Signwell's area of expertise. Safety signs include various instruction signs, warning signs, instruction signs and prohibition signs, which are intended to guide operations to increase safety and in the event of an emergency. We carry out continuous development and cooperation with experts in the field both at home and abroad. We are constantly looking for new, more environmentally friendly solutions and comply with all major national and international standards within the industry.

The safety signs we offer comply with regulations and offer a wide range of selection. It includes e.g. first aid signs, exit signs, property signs, area/ map signs, tank markings and traffic signs. We can therefore promise that our selection includes a safety sign for every need.












The most affordable signs

The price of the sign itself is only a small part of the total cost of the signage. Identification, ordering, shipping, installation and billing usually account for more than 90% of the total cost. With an estimated lifespan of 5-7 years, you will reduce your costs and follow an environmentally friendly and safe purchasing policy.



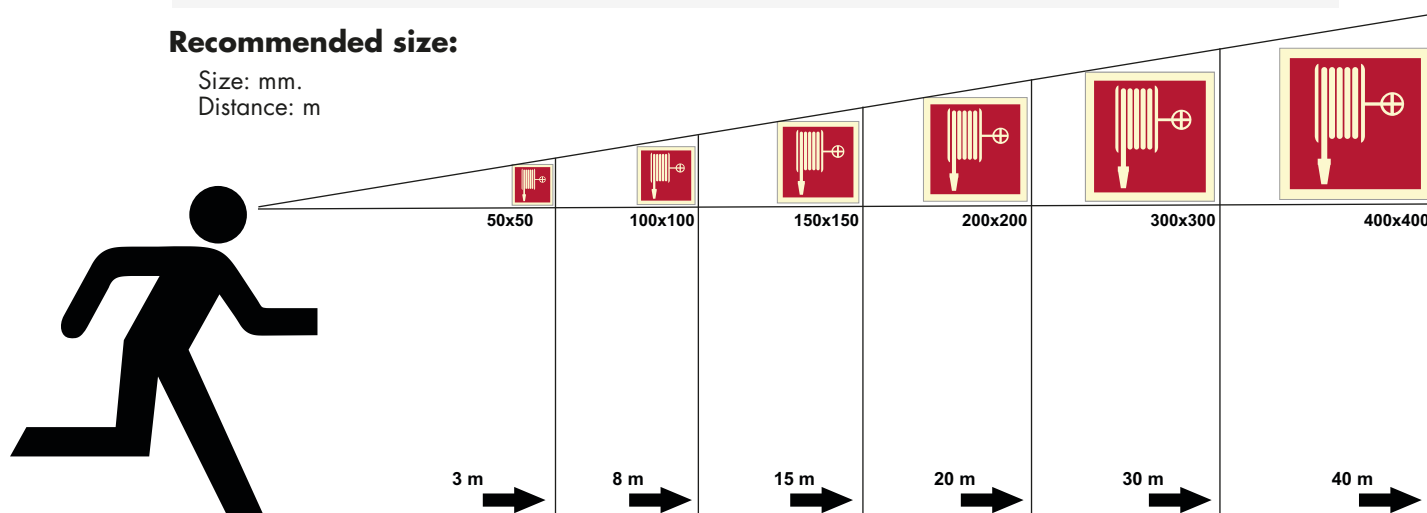
36 Safety Signs

The purpose of safety signs is to draw rapid attention to objects and situations that affect the safety and health. The sign is placed so that the symbol and text are visible from as many different directions as possible.

Safety color & layout	Description	Viewing distance	Size without text	Size with text
 	Prohibition signs	1 - 8 m 8 - 15 m 20 - 30 m 30 - 40 m 40m -	50x50 mm 100x100 mm 200x200 mm 300x300 mm 400x400 mm	150x225 mm 200x300 mm 400x600 mm
 	Mandatory signs	1 - 8 m 8 - 15 m 20 - 30 m 30 - 40 m 40m -	50x50 mm 100x100 mm 200x200 mm 300x300 mm 400x400 mm	150x225 mm 200x300 mm 400x600 mm
 	Warning signs	1 - 8 m 8 - 15 m 20 - 30 m 30 - 40 m +40m	50x50 mm 100x100 mm 200x200 mm 300x300 mm 400x400 mm	150x225 mm 200x300 mm 400x600 mm
	Escape route signs	8 - 10 m 30 - 40 m +40 m	300x150 mm 400x200 mm 600x300 mm	
		1 - 8 m 8 - 15 m 20 - 30 m 30 - 40 m 40m -	50x50 mm 100x100 mm 200x200 mm 300x300 mm 400x400 mm	
	Fire Fighting signs	1 - 8 m 8 - 15 m 20 - 30 m 30 - 40 m 40m -	50x50 mm 100x100 mm 200x200 mm 300x300 mm 400x400 mm	

Recommended size:

Size: mm.
Distance: m



The size of the sign is chosen according to the viewing distance and the design of the premises.

Attention; these recommended sign sizes are based on 100 lux under normal lighting.



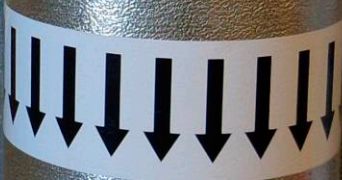
Caution
Automatic
Machinery will
Start Without
Warning



Caution
Hot
Surface



10HC831BR033-65
WELDING STEAM



General warning sign



W001

100 x 100 mm
200 x 200 mm

Explosive material



W002

100 x 100 mm
200 x 200 mm

Radioactive material or ionizing radiation



W003

100 x 100 mm
200 x 200 mm

Laser beam



W004

100 x 100 mm
200 x 200 mm

Non-ionizing radiation



W005

100 x 100 mm
200 x 200 mm

Magnetic field



W006

100 x 100 mm
200 x 200 mm

Floor level obstacle



W007

100 x 100 mm
200 x 200 mm

Drop (fall)



W008

100 x 100 mm
200 x 200 mm

Biological hazard



W009

100 x 100 mm
200 x 200 mm

Low temperature/
freezing conditions



W010

100 x 100 mm
200 x 200 mm

Slippery surface



W011

100 x 100 mm
200 x 200 mm

Electricity



W012

100 x 100 mm
200 x 200 mm

Guard dog



W013

100 x 100 mm
200 x 200 mm

Fork lift trucks and other
industrial vehicles



W014

100 x 100 mm
200 x 200 mm

Overhead load



W015

100 x 100 mm
200 x 200 mm

Toxic material



W016

100 x 100 mm
200 x 200 mm

Hot surface



W017

100 x 100 mm
200 x 200 mm

Starts automatically



W018

100 x 100 mm
200 x 200 mm

Crushing



W019

100 x 100 mm
200 x 200 mm

Overhead obstacles



W020

100 x 100 mm
200 x 200 mm

Flammable materials



W021

100 x 100 mm
200 x 200 mm

Sharp element



W022

100 x 100 mm
200 x 200 mm

Corrosive substance



W023

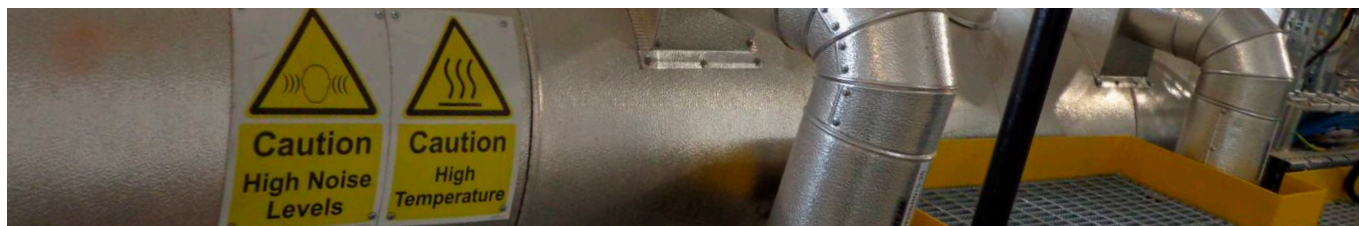
100 x 100 mm
200 x 200 mm

Risk of crushing hands



W024

100 x 100 mm
200 x 200 mm



Counterrotating rollers



W025

100 x 100 mm
200 x 200 mm

Battery charging



W026

100 x 100 mm
200 x 200 mm

Optical radiation



W027

100 x 100 mm
200 x 200 mm

Oxidizing substance



W028

100 x 100 mm
200 x 200 mm

Pressurized cylinder



W029

100 x 100 mm
200 x 200 mm

Irritant/ Harmfull



W030

100 x 100 mm
200 x 200 mm

Lower pressure gas cylinder



W031

100 x 100 mm
200 x 200 mm

Explosion risk zone



W032

100 x 100 mm
200 x 200 mm

Rotating cutter



W033

100 x 100 mm
200 x 200 mm

Pinthead



W034

100 x 100 mm
200 x 200 mm

Tipping



W035

100 x 100 mm
200 x 200 mm

Falling objects



W036

100 x 100 mm
200 x 200 mm

Floor opening



W037

100 x 100 mm
200 x 200 mm

Robot



W038

100 x 100 mm
200 x 200 mm

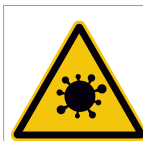
Hearing



W039

100 x 100 mm
200 x 200 mm

Virus



W040

100 x 100 mm
200 x 200 mm

Rapid movement of workpiece in progress



W041

100 x 100 mm
200 x 200 mm

Falling ice



W042

100 x 100 mm
200 x 200 mm

Camera surveillance



W043

100 x 100 mm
200 x 200 mm

Rotating parts/ belts and tires



W044

100 x 100 mm
200 x 200 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 200 x 200 mm • 300 x 300 mm • 400 x 400 mm

Hand crushing between press and material



W045

100 x 100 mm
200 x 200 mm

Hand crushing between press brake tool



W046

100 x 100 mm
200 x 200 mm

Hot liquids



W047

100 x 100 mm
200 x 200 mm

Fragile roof



W048

100 x 100 mm
200 x 200 mm

H₂S



W049

100 x 100 mm
200 x 200 mm

Asphyxiation atmosphere



W050

100 x 100 mm
200 x 200 mm

Substance with environmental hazard



W051

100 x 100 mm
200 x 200 mm

Arc flash



W052

100 x 100 mm
200 x 200 mm

Long term health hazard



W053

100 x 100 mm
200 x 200 mm

Rotating gearing wheels



W054

100 x 100 mm
200 x 200 mm

Hot steam under pressure



W055

100 x 100 mm
200 x 200 mm

Sudden loud noise



W056

100 x 100 mm
200 x 200 mm

Run over by remote operator controlled machine



W057

100 x 100 mm
200 x 200 mm

Confined space



W058

100 x 100 mm
200 x 200 mm

High pressure water jets



W059

100 x 100 mm
200 x 200 mm

Dangerous stairs



W060

100 x 100 mm
200 x 200 mm

Unstable cliff



W061

100 x 100 mm
200 x 200 mm

Unstable cliff edge



W062

100 x 100 mm
200 x 200 mm

Unprotected edge



W063

100 x 100 mm
200 x 200 mm

Barbed wire



W064

100 x 100 mm
200 x 200 mm

Strong winds



W065

100 x 100 mm
200 x 200 mm

Quicksand or mud/ deep mud or slit



W066

100 x 100 mm
200 x 200 mm

Deep water



W067

100 x 100 mm
200 x 200 mm

Shallow water



W068

100 x 100 mm
200 x 200 mm

Warning signs

41

Customized text



WT001
150 x 225 mm
200 x 300 mm

Explosive material



WT002
150 x 225 mm
200 x 300 mm

Radioactive material or ionizing radiation



WT003
150 x 225 mm
200 x 300 mm

Laser beam



WT004
150 x 225 mm
200 x 300 mm

Non-ionizing radiation



WT005
150 x 225 mm
200 x 300 mm

Warning strong magnetic field



WT006
150 x 225 mm
200 x 300 mm

Floor level obstacle



WT007
150 x 225 mm
200 x 300 mm

Drop risk



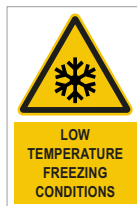
WT008
150 x 225 mm
200 x 300 mm

Biological hazard



WT009
150 x 225 mm
200 x 300 mm

Low temperature freezing conditions



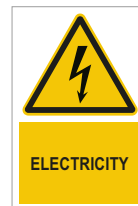
WT010
150 x 225 mm
200 x 300 mm

Slippery surface



WT011
150 x 225 mm
200 x 300 mm

Electricity



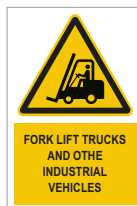
WT012
150 x 225 mm
200 x 300 mm

Warning: Guard dog



WT013
150 x 225 mm
200 x 300 mm

Fork lift trucks and other industrial vehicles



WT014
150 x 225 mm
200 x 300 mm

Overhead load



WT015
150 x 225 mm
200 x 300 mm

Toxic material



WT016
150 x 225 mm
200 x 300 mm

Hot surface



WT017
150 x 225 mm
200 x 300 mm

Starts automatically



WT018
150 x 225 mm
200 x 300 mm

Crushing



WT019
150 x 225 mm
200 x 300 mm

Overhead obstacle



WT020
150 x 225 mm
200 x 300 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 200 x 200 mm • 300 x 300 mm • 400 x 400 mm

Flammable materials



WT021
150 x 225 mm
200 x 300 mm

Warning: sharp elements



WT022
150 x 225 mm
200 x 300 mm

Corrosive substance



WT023
150 x 225 mm
200 x 300 mm

Crushing of hands



WT024
150 x 225 mm
200 x 300 mm

Counterrotating cylinder



WT025
150 x 225 mm
200 x 300 mm

Battery Charging



WT026
150 x 225 mm
200 x 300 mm

Optical radiation



WT027
150 x 225 mm
200 x 300 mm

Oxidising substance



WT028
150 x 225 mm
200 x 300 mm

Pressurized cylinder



WT029
150 x 225 mm
200 x 300 mm

Harmful



WT030
150 x 225 mm
200 x 300 mm

Irritant material



WT031
150 x 225 mm
200 x 300 mm

Warning: Gas bottles



WT032
150 x 225 mm
200 x 300 mm

Warning: explosion risk zone



WT033
150 x 225 mm
200 x 300 mm

Rotating cutter



WT034
150 x 225 mm
200 x 300 mm

Pinch risk



WT035
150 x 225 mm
200 x 300 mm

Warning: Tipping



WT036
150 x 225 mm
200 x 300 mm

Falling objects



WT037
150 x 225 mm
200 x 300 mm

Warning: opening in floor



WT038
150 x 225 mm
200 x 300 mm

Warning Robot



WT039
150 x 225 mm
200 x 300 mm

Warning: Mind your hearing



WT040
150 x 225 mm
200 x 300 mm

Danger moving machinery



WT041
150 x 225 mm
200 x 300 mm

Warning you are entering a Co² protected area



WT042
150 x 225 mm
200 x 300 mm

Warning motor starts and stops automatically



WT043
150 x 225 mm
200 x 300 mm

Danger Work In Progress On Radar



WT044
150 x 225 mm
200 x 300 mm

Warning



WT045
150 x 225 mm
200 x 300 mm

Danger high noise levels



WT046
150 x 225 mm
200 x 300 mm

Danger of death



WT047
150 x 225 mm
200 x 300 mm

Danger of infection



WT048
150 x 225 mm
200 x 300 mm

Low oxygen level



WT049
150 x 225 mm
200 x 300 mm

Slip hazard



WT050
150 x 225 mm
200 x 300 mm

Open slowly



WT051
150 x 225 mm
200 x 300 mm

Loud noise



WT052
150 x 225 mm
200 x 300 mm

Flammable liquid



WT053
150 x 225 mm
200 x 300 mm

Danger of fire



WT054
150 x 225 mm
200 x 300 mm

Danger low flash point



WT055
150 x 225 mm
200 x 300 mm

Biological danger



WT056
150 x 225 mm
200 x 300 mm

Radiation risk



WT057
150 x 225 mm
200 x 300 mm

Danger ionizing radiation



WT058
150 x 225 mm
200 x 300 mm

Watch your fingers



WT059
150 x 225 mm
200 x 300 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 200 x 200 mm • 300 x 300 mm • 400 x 400 mm

General prohibition



P001
100 x 100 mm
200 x 200 mm

No smoking



P002
100 x 100 mm
200 x 200 mm

No open flame



P003
100 x 100 mm
200 x 200 mm

No throughfare



P004
100 x 100 mm
200 x 200 mm

No drinking water



P005
100 x 100 mm
200 x 200 mm

No access for forklift trucks & other industrial vehicles



P006
100 x 100 mm
200 x 200 mm

No access for people with active implanted cardiac devices



P007
100 x 100 mm
200 x 200 mm

No metallic articles or watches



P008
100 x 100 mm
200 x 200 mm

Do not touch!



P009
100 x 100 mm
200 x 200 mm

Do not extinguish with water



P010
100 x 100 mm
200 x 200 mm

No heavy load



P011
100 x 100 mm
200 x 200 mm

No activated mobile phones



P012
100 x 100 mm
200 x 200 mm

No access for persons with implanted devices



P013
100 x 100 mm
200 x 200 mm

No reaching in



P014
100 x 100 mm
200 x 200 mm

No pushing



P015
100 x 100 mm
200 x 200 mm

No sitting



P016
100 x 100 mm
200 x 200 mm

No stepping on surface



P017
100 x 100 mm
200 x 200 mm

Do not use lift in the event of fire



P018
100 x 100 mm
200 x 200 mm

No dogs



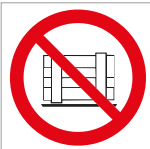
P019
100 x 100 mm
200 x 200 mm

No eating or drinking



P020
100 x 100 mm
200 x 200 mm

Do not obstruct



P021
100 x 100 mm
200 x 200 mm

Do not walk or stand here



P022
100 x 100 mm
200 x 200 mm

Do not use this incomplete scaffold



P023
100 x 100 mm
200 x 200 mm

Do not use this device in a bathtub, shower or waterfilled reservoir



P024
100 x 100 mm
200 x 200 mm

Prohibition signs

45



Do not use lift in the event of fire



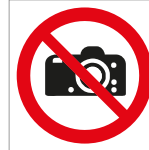
P025
100 x 100 mm
200 x 200 mm

Do not wear gloves



P026
100 x 100 mm
200 x 200 mm

No photography



P027
100 x 100 mm
200 x 200 mm

Do not touch, high voltage



P028
100 x 100 mm
200 x 200 mm

Do not change the state of switch



P029
100 x 100 mm
200 x 200 mm

Do not use for face grinding



P030
100 x 100 mm
200 x 200 mm

Do not use for wet grinding



P031
100 x 100 mm
200 x 200 mm

Do not use hand-held grinding machine



P032
100 x 100 mm
200 x 200 mm

No access for unauthorized personnel



P033
100 x 100 mm
200 x 200 mm

Do not touch, high voltage



P034
100 x 100 mm
200 x 200 mm

Do not spray with water



P035
100 x 100 mm
200 x 200 mm

No climbing



P036
100 x 100 mm
200 x 200 mm

No video recording



P037
100 x 100 mm
200 x 200 mm

Do not shake hands



P038
100 x 100 mm
200 x 200 mm

Wearing of helm prohibited



P039
100 x 100 mm
200 x 200 mm

No work clothes



P040
100 x 100 mm
200 x 200 mm

Do not wear metall-studded footwear



P041
100 x 100 mm
200 x 200 mm

No outdoor footwear



P042
100 x 100 mm
200 x 200 mm

No ties



P043
100 x 100 mm
200 x 200 mm

No jewelry



P044
100 x 100 mm
200 x 200 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 200 x 200 mm • 300 x 300 mm • 400 x 400 mm

Do not set off fireworks



P045

100 x 100 mm
200 x 200 mm

No children allowed



P046

100 x 100 mm
200 x 200 mm

Hot works prohibited



P047

100 x 100 mm
200 x 200 mm

Do not expose to direct sunlight or hot surface



P048

100 x 100 mm
200 x 200 mm

Use of smart glasses prohibited



P049

100 x 100 mm
200 x 200 mm

Not for pregnant women



P050

100 x 100 mm
200 x 200 mm

Not for people in state of intoxication



P051

100 x 100 mm
200 x 200 mm

No jumping into water



P052

100 x 100 mm
200 x 200 mm

No leaning against



P053

100 x 100 mm
200 x 200 mm

Do not cross barrier



P054

100 x 100 mm
200 x 200 mm

No running



P055

100 x 100 mm
200 x 200 mm

Do not ride with people



P056

100 x 100 mm
200 x 200 mm

Do not put finger into the nozzle



P057

100 x 100 mm
200 x 200 mm

Not to be serviced by users



P058

100 x 100 mm
200 x 200 mm

Do not open the valve of gas cylinder



P059

100 x 100 mm
200 x 200 mm

Do not unplug



P060

100 x 100 mm
200 x 200 mm

Do not flash



P061

100 x 100 mm
200 x 200 mm

No smoking articles



P062

100 x 100 mm
200 x 200 mm

Do not park



P063

100 x 100 mm
200 x 200 mm

No drugs and alcohol



P064

100 x 100 mm
200 x 200 mm

No snorkelling



P065

100 x 100 mm
200 x 200 mm

No swimming



P066

100 x 100 mm
200 x 200 mm

No jumping into water



P067

100 x 100 mm
200 x 200 mm

No pushing into water



P068

100 x 100 mm
200 x 200 mm

Prohibition signs

47



No diving



P069

100 x 100 mm
200 x 200 mm

No bicycles



P070

100 x 100 mm
200 x 200 mm

No weapons



P071

100 x 100 mm
200 x 200 mm

No peeing



P072

100 x 100 mm
200 x 200 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 150 x 225 mm • 200 x 300 mm • 400 x 600 mm

Customized text



PT001
150 x 225 mm
200 x 300 mm

No Smoking



PT002
150 x 225 mm
200 x 300 mm

No open flame



PT003
150 x 225 mm
200 x 300 mm

No thoroughfare



PT004
150 x 225 mm
200 x 300 mm

No drinking water



PT005
150 x 225 mm
200 x 300 mm

No access for forklift trucks & other industrial vehicles



PT006
150 x 225 mm
200 x 300 mm

No access for people with active implanted cardiac



PT007
150 x 225 mm
200 x 300 mm

No metallic articles or watches



PT008
150 x 225 mm
200 x 300 mm

Do not touch



PT009
150 x 225 mm
200 x 300 mm

Do not extinguish with water



PT010
150 x 225 mm
200 x 300 mm

No heavy load



PT011
150 x 225 mm
200 x 300 mm

No activated mobile phones



PT012
150 x 225 mm
200 x 300 mm

No access for persons with implanted cardiac devices



PT013
150 x 225 mm
200 x 300 mm

No reaching



PT014
150 x 225 mm
200 x 300 mm

No pushing



PT015
150 x 225 mm
200 x 300 mm

No sitting



PT016
150 x 225 mm
200 x 300 mm

No stepping on surface



PT017
150 x 225 mm
200 x 300 mm

Do not use lift in the event of fire



PT018
150 x 225 mm
200 x 300 mm

No dogs



PT019
150 x 225 mm
200 x 300 mm

No eating or drinking



PT020
150 x 225 mm
200 x 300 mm

Prohibition signs

49

Do not obstruct



PT021
150 x 225 mm
200 x 300 mm

**DO NOT
OBSTRUCT**

Do not walk or stand here



PT022
150 x 225 mm
200 x 300 mm

**DO NOT
WALK OR
STAND HERE**

Do not use this incomplete
scaffold



PT023
150 x 225 mm
200 x 300 mm

**DO NOT USE THIS
INCOMPLETE
SCAFFOLD**

Do not use this device in a bathtub, shower
or waterfilled reservoir



PT024
150 x 225 mm
200 x 300 mm

**DO NOT USE THIS
DEVICE IN A BATHTUB,
SHOWER OR WATERFILLED
RESERVOIR**

Do not use this lift for people



PT025
150 x 225 mm
200 x 300 mm

**DO NOT
USE THIS LIFT
FOR PEOPLE**

Do not wear gloves



PT026
150 x 225 mm
200 x 300 mm

**DO NOT
WEAR
GLOVES**

No photography



PT027
150 x 225 mm
200 x 300 mm

**NO
PHOTOGRAPHY**

Do not tie this rope



PT028
150 x 225 mm
200 x 300 mm

**DO NOT
TIE THIS
ROPE**

Do not change the state of
switch



PT029
150 x 225 mm
200 x 300 mm

**DO NOT
CHANGE THE
STATE OF
SWITCH**

Do not use for face grinding



PT030
150 x 225 mm
200 x 300 mm

**DO NOT
USE FOR
FACEGRINDING**

Do not use for wet grinding



PT031
150 x 225 mm
200 x 300 mm

**DO NOT USE FOR
WET GRINDING**

Do not use with hand-held
grinding machine



PT032
150 x 225 mm
200 x 300 mm

**DO NOT USE WITH
HAND-HELD
GRINDING
MACHINE**

No access for unauthorized
personnel



PT033
150 x 225 mm
200 x 300 mm

**NO ACCESS
FOR
UNAUTHORIZED
PERSONNEL**

Do not touch, high voltage



PT034
150 x 225 mm
200 x 300 mm

**DO NOT
TOUCH,
HIGH VOLTAGE**

Do not spray with water



PT035
150 x 225 mm
200 x 300 mm

**DO NOT
SPRAY WITH
WATER**

No climbing



PT036
150 x 225 mm
200 x 300 mm

NO CLIMBING

No video recording



PT037
150 x 225 mm
200 x 300 mm

**NO VIDEO
RECORDING**

Work site, unauthorized
personnel forbidden



PT038
150 x 225 mm
200 x 300 mm

**WORK SITE,
UNAUTHORIZED
PERSONNEL
FORBIDDEN**

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 150 x 225 mm • 200 x 300 mm • 400 x 600 mm

General mandatory sign



M001

100 x 100 mm
200 x 200 mm

Refer to instruction manual/
booklet



M002

100 x 100 mm
200 x 200 mm

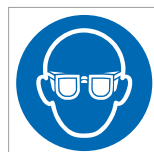
Wear ear protection



M003

100 x 100 mm
200 x 200 mm

Wear eye protection



M004

100 x 100 mm
200 x 200 mm

Connect an earth terminal to the
ground



M005

100 x 100 mm
200 x 200 mm

Disconnect mains plug from
electrical outlet



M006

100 x 100 mm
200 x 200 mm

Opaque eye protection must
be worn



M007

100 x 100 mm
200 x 200 mm

Wear safety footwear



M008

100 x 100 mm
200 x 200 mm

Wear protective gloves



M009

100 x 100 mm
200 x 200 mm

Wear protective clothing



M010

100 x 100 mm
200 x 200 mm

Wash your hands



M011

100 x 100 mm
200 x 200 mm

Use handrail



M012

100 x 100 mm
200 x 200 mm

Wear a face shield



M013

100 x 100 mm
200 x 200 mm

Wear head protection



M014

100 x 100 mm
200 x 200 mm

Wear high-visibility clothing



M015

100 x 100 mm
200 x 200 mm

Wear a mask



M016

100 x 100 mm
200 x 200 mm

Wear respiratory protection



M017

100 x 100 mm
200 x 200 mm

Wear a safety harness



M018

100 x 100 mm
200 x 200 mm

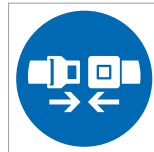
Wear a welding mask



M019

100 x 100 mm
200 x 200 mm

Wear safety belts



M020

100 x 100 mm
200 x 200 mm

Disconnect before maintenance
or repair



M021

100 x 100 mm
200 x 200 mm

Use barrier cream



M022

100 x 100 mm
200 x 200 mm

Use footbridge



M023

100 x 100 mm
200 x 200 mm

Use this walkway



M024

100 x 100 mm
200 x 200 mm

Mandatory signs

51

Protect infant's eyes with opaque eye protection



M025
100 x 100 mm
200 x 200 mm

Use protective apron



M026
100 x 100 mm
200 x 200 mm

Wear safety goggles and helmet



M027
100 x 100 mm
200 x 200 mm

Use self-contained breathing appliance



M028
100 x 100 mm
200 x 200 mm

Wear safety cap



M029
100 x 100 mm
200 x 200 mm

Wear anti-static footwear



M030
100 x 100 mm
200 x 200 mm

Wear lifejacket



M031
100 x 100 mm
200 x 200 mm

Surveillance camera



M032
100 x 100 mm
200 x 200 mm

Must be kept locked



M033
100 x 100 mm
200 x 200 mm

Quiet



M034
100 x 100 mm
200 x 200 mm

Drinking water



M035
100 x 100 mm
200 x 200 mm

Smoking area



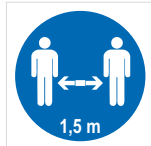
M036
100 x 100 mm
200 x 200 mm

Switch off light



M037
100 x 100 mm
200 x 200 mm

Safety distance



M038
100 x 100 mm
200 x 200 mm

Sneeze/ cough in your arm



M039
100 x 100 mm
200 x 200 mm

Use gas detector



M040
100 x 100 mm
200 x 200 mm

Read manual



M041
100 x 100 mm
200 x 200 mm

Secure gas cylinders



M042
100 x 100 mm
200 x 200 mm

Use table saw adjustable guard



M043
100 x 100 mm
200 x 200 mm

Check guard



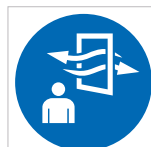
M044
100 x 100 mm
200 x 200 mm

Ensure continuous ventilation



M045
100 x 100 mm
200 x 200 mm

Ventilate before and during entering



M046
100 x 100 mm
200 x 200 mm

Wear shoe covers



M047
100 x 100 mm
200 x 200 mm

Use litter bin



M048
100 x 100 mm
200 x 200 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 200 x 200 mm • 300 x 300 mm • 400 x 400 mm



Wear protective beardnet



M049

100 x 100 mm
200 x 200 mm

Wear protective cap



M050

100 x 100 mm
200 x 200 mm

Wear protective hairnet



M051

100 x 100 mm
200 x 200 mm

Wear full size safety goggles



M052

100 x 100 mm
200 x 200 mm

Wear double ear protection



M053

100 x 100 mm
200 x 200 mm

Wear laboratory coat



M054

100 x 100 mm
200 x 200 mm

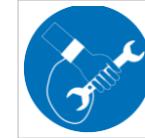
Wear protective roller sport equipment



M055

100 x 100 mm
200 x 200 mm

Keep tools lined up



M056

100 x 100 mm
200 x 200 mm

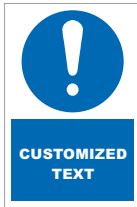
Keep flashlight with you



M057

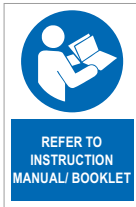
100 x 100 mm
200 x 200 mm

Customized text



MT001
150 x 225 mm
200 x 300 mm

Refer to instruction manual



MT002
150 x 225 mm
200 x 300 mm

Wear ear protection



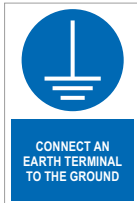
MT003
150 x 225 mm
200 x 300 mm

Wear eye protection



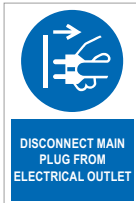
MT004
150 x 225 mm
200 x 300 mm

Connect an earth terminal to the ground



MT005
150 x 225 mm
200 x 300 mm

Disconnect main plug from electrical outlet



MT006
150 x 225 mm
200 x 300 mm

Opaque eye protection must be worn



MT007
150 x 225 mm
200 x 300 mm

Wear safety footwear



MT008
150 x 225 mm
200 x 300 mm

Wear protective gloves



MT009
150 x 225 mm
200 x 300 mm

Wear protective clothing



MT010
150 x 225 mm
200 x 300 mm

Wash your hands



MT011
150 x 225 mm
200 x 300 mm

Use handrail



MT012
150 x 225 mm
200 x 300 mm

Wear face shield



MT013
150 x 225 mm
200 x 300 mm

Wear head protection



MT014
150 x 225 mm
200 x 300 mm

Wear high visibility clothing



MT015
150 x 225 mm
200 x 300 mm

Wear a mask



MT016
150 x 225 mm
200 x 300 mm

Wear respiratory protection



MT017
150 x 225 mm
200 x 300 mm

Wear safety harness



MT018
150 x 225 mm
200 x 300 mm

Wear welding mask



MT019
150 x 225 mm
200 x 300 mm

Wear safety belt



MT020
150 x 225 mm
200 x 300 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

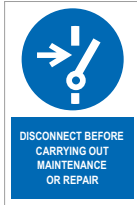
- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 150 x 225 mm • 200 x 300 mm • 400 x 600 mm

54 Mandatory signs

Disconnect before carrying out maintenance or repair



MT021
150 x 225 mm
200 x 300 mm

Use barrier cream



MT022
150 x 225 mm
200 x 300 mm

Use footbridge



MT023
150 x 225 mm
200 x 300 mm

Use this walkway



MT024
150 x 225 mm
200 x 300 mm

Infants must be protected with opaque eye protection



MT025
150 x 225 mm
200 x 300 mm

Use protective apron



MT026
150 x 225 mm
200 x 300 mm

Wear head and eye protection



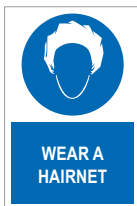
MT027
150 x 225 mm
200 x 300 mm

Use self-contained breathing appliance



MT028
150 x 225 mm
200 x 300 mm

Wear a hairnet



MT029
150 x 225 mm
200 x 300 mm

Wear anti-static footwear



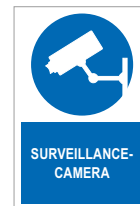
MT030
150 x 225 mm
200 x 300 mm

Wear a lifejacket



MT031
150 x 225 mm
200 x 300 mm

Surveillance camera



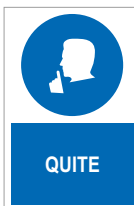
MT032
150 x 225 mm
200 x 300 mm

Must be kept locked



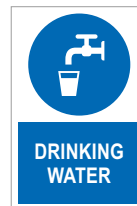
MT033
150 x 225 mm
200 x 300 mm

Quite



MT034
150 x 225 mm
200 x 300 mm

Drinking water



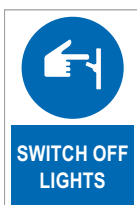
MT035
150 x 225 mm
200 x 300 mm

Smoking area



MT036
150 x 225 mm
200 x 300 mm

Switch off lights







MT037
150 x 225 mm
200 x 300 mm

Keep a safe distance



MT038
150 x 225 mm
200 x 300 mm

<p>Flammable liquids</p> <p>FLAMMABLE LIQUIDS</p> <p>FT01 200 x 50 mm 400 x 100 mm</p>	<p>Liquid gas</p> <p>LIQUID GAS</p> <p>FT02 200 x 50 mm 400 x 100 mm</p>	<p>Oxygen</p> <p>OXYGEN</p> <p>FT03 200 x 50 mm 400 x 100 mm</p>	<p>Oxygen bottles</p> <p>OXYGEN BOTTLES</p> <p>FT04 200 x 50 mm 400 x 100 mm</p>
<p>Emergency shutter</p> <p>EMERGENCY SHUTTER</p> <p>FT05 200 x 50 mm 400 x 100 mm</p>	<p>Waste oil</p> <p>WASTE OIL</p> <p>FT06 200 x 50 mm 400 x 100 mm</p>	<p>Gas bottles</p> <p>GAS BOTTLES</p> <p>FT07 200 x 50 mm 400 x 100 mm</p>	<p>Empty bottles</p> <p>EMPTY BOTTLES</p> <p>FT08 200 x 50 mm 400 x 100 mm</p>
<p>Full bottles</p> <p>FULL BOTTLES</p> <p>FT09 200 x 50 mm 400 x 100 mm</p>	<p>Battery room</p> <p>BATTERY ROOM</p> <p>FT10 200 x 50 mm 400 x 100 mm</p>	<p>Fire alarm center</p> <p>FIRE ALARM CENTER</p> <p>FT11 200 x 50 mm 400 x 100 mm</p>	<p>Sprinkler center</p> <p>SPRINKLER CENTER</p> <p>FT12 200 x 50 mm 400 x 100 mm</p>
<p>Smoke detector</p> <p>SMOKE DETECTOR</p> <p>FT13 200 x 50 mm 400 x 100 mm</p>	<p>Smoke exhaust door</p> <p>SMOKE EXHAUST DOOR</p> <p>FT14 200 x 50 mm 400 x 100 mm</p>	<p>Smoke removal manual trip</p> <p>SMOKE REMOVAL MANUAL TRIP</p> <p>FT15 200 x 50 mm 400 x 100 mm</p>	<p>Oil Control Devices</p> <p>OIL CONTROL DEVICES</p> <p>FT16 200 x 50 mm 400 x 100 mm</p>
<p>Oil burner</p> <p>OIL BURNER</p> <p>FT17 200 x 50 mm 400 x 100 mm</p>	<p>Oil tank</p> <p>OIL TANK</p> <p>FT18 200 x 50 mm 400 x 100 mm</p>	<p>Oil storage</p> <p>OIL STORAGE</p> <p>FT19 200 x 50 mm 400 x 100 mm</p>	<p>Gas storage</p> <p>GAS STORAGE</p> <p>FT20 200 x 50 mm 400 x 100 mm</p>
<p>Gas</p> <p>GAS </p> <p>FT21 200 x 50 mm 400 x 100 mm</p>	<p>Oil</p> <p>OIL </p> <p>FT22 200 x 50 mm 400 x 100 mm</p>	<p>Fire water</p> <p>FIRE WATER </p> <p>FT23 200 x 50 mm 400 x 100 mm</p>	<p>Sprinkler</p> <p>SPRINKLER </p> <p>FT24 200 x 50 mm 400 x 100 mm</p>
<p>Dry rise pipe</p> <p>DRY RISE PIPE</p> <p>FT25 200 x 50 mm 400 x 100 mm</p>	<p>IV-ENGINE ROOM</p> <p>IV-ENGINE ROOM</p> <p>FT26 200 x 50 mm 400 x 100 mm</p>	<p>Sprinkler center main shut-off valve</p> <p>SPRINKLER CENTER MAIN SHUT-OFF VALVE</p> <p>FT27 200 x 50 mm 400 x 100 mm</p>	<p>Sprinkler center</p> <p>SPRINKLER CENTER</p> <p>FT28 200 x 50 mm 400 x 100 mm</p>
<p>Smoke extraction</p> <p>SMOKE EXTRACTION</p> <p>FT29 200 x 50 mm 400 x 100 mm</p>	<p>Smoke extraction center</p> <p>SMOKE EXTRACTION CENTER</p> <p>FT30 200 x 50 mm 400 x 100 mm</p>	<p>Fire alarm</p> <p>FIRE ALARM</p> <p>FT31 200 x 50 mm 400 x 100 mm</p>	<p>Fire alarm drive</p> <p>FIRE ALARM DRIVE</p> <p>FT32 200 x 50 mm 400 x 100 mm</p>

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately

- 200 x 50 mm • 400 x 100 mm



Extinguishing system

EXTINGUISHING SYSTEM

FT33 200 x 50 mm
400 x 100 mm

Emergency exit only

EMERGENCY EXIT ONLY

FT34 200 x 50 mm
400 x 100 mm

Water Barrier Behind The Door

WATER BARRIER
BEHIND THE DOOR

FT35 200 x 50 mm
400 x 100 mm

Diesel

DIESEL

FT36 200 x 50 mm
400 x 100 mm

Light fuel oil

LIGHT FUEL OIL

FT37 200 x 50 mm
400 x 100 mm

Winter oil

WINTER OIL

FT38 200 x 50 mm
400 x 100 mm

Summer oil

SUMMER OIL

FT39 200 x 50 mm
400 x 100 mm

Oil seal

OIL SEAL

FT40 200 x 50 mm
400 x 100 mm

Air Conditioning Emergency

AIR CONDITIONING
EMERGENCY

FT41 200 x 50 mm
400 x 100 mm

Customized text

CUSTOMIZED TEXT

FT42 200 x 50 mm
400 x 100 mm

Arrow 90 °



FT43
50 x 50 mm
100 x 100 mm

Arrow 45°



FT44
50 x 50 mm
100 x 100 mm

Fire supply connector

FIRE
SUPPLY CONNECTOR
SUPPLY PRESSURE max. 10 bar

FT45 400 x 200 mm

Fire safety signs

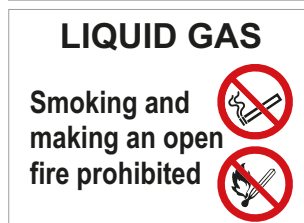
57

Liquid gas



FT46 400 x 200 mm
600 x 300 mm

Switch off before proceeding



FT47 400 x 300 mm
600 x 400 mm

Flammable liquid storage



FT48 200 x 300 mm
400 x 600 mm

Natural gas: Smoking and No open fire...



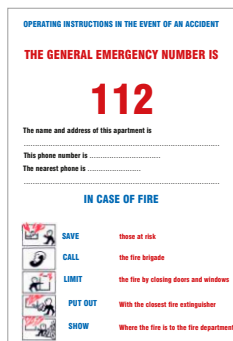
FT49 200 x 300 mm
400 x 600 mm

Smoking and open fires are prohibited



FT50 400 x 300 mm
600 x 400 mm

Operating instructions in the event of an accident



FT51 200 x 300 mm
300 x 400 mm

Operating instructions in the event of an accident



FT52 200 x 300 mm
300 x 400 mm

Smoking and open fires are prohibited



FT53

Operating instructions in the event of an accident



FT54
Sticker
100x50 mm
200x100 mm

Office OFFICE BT01 200 x 50 mm 400 x 100 mm	Storage STORAGE BT02 200 x 50 mm 400 x 100 mm	Information INFORMATION BT03 200 x 50 mm 400 x 100 mm	Info INFO BT04 200 x 50 mm 400 x 100 mm
For customers FOR CUSTOMERS BT05 200 x 50 mm 400 x 100 mm	For guests FOR GUESTS BT06 200 x 50 mm 400 x 100 mm	For personnell FOR PERSONNELL BT07 200 x 50 mm 400 x 100 mm	Only for personnell ONLY FOR PERSONNELL BT08 200 x 50 mm 400 x 100 mm
Reserved RESERVED BT09 200 x 50 mm 400 x 100 mm	Men's locker room MEN'S LOCKER ROOM BT10 200 x 50 mm 400 x 100 mm	Women's Dressing Room WOMEN'S DRESSING ROOM BT11 200 x 50 mm 400 x 100 mm	Locker room LOCKER ROOM BT12 200 x 50 mm 400 x 100 mm
Workshop WORKSHOP BT13 200 x 50 mm 400 x 100 mm	Paint shop PAINT SHOP BT14 200 x 50 mm 400 x 100 mm	Smoking area SMOKING AREA BT15 200 x 50 mm 400 x 100 mm	Smoking room SMOKING ROOM BT16 200 x 50 mm 400 x 100 mm
Cleaning closet CLEANING CLOSET BT17 200 x 50 mm 400 x 100 mm	Garbage GARBAGE BT18 200 x 50 mm 400 x 100 mm	Customized text CUSTOMIZED TEXT BT19 200 x 50 mm 400 x 100 mm	
Incoming goods INCOMING GOODS BT20 600 x 300 mm 1200 x 600 mm	Outgoing goods OUTGOING GOODS BT21 600 x 300 mm 1200 x 600 mm		

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:



- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 25 mm • 200 x 50 mm • 400 x 100 mm • 600 x 300 mm • 1200 x 600 mm

Mandatory signs

59

<p>Letter: A</p>  <p>OK01 300 x 300 mm 600 x 600 mm</p>	<p>Letter: B</p>  <p>OK02 300 x 300 mm 600 x 600 mm</p>	<p>Letter: C</p>  <p>OK03 300 x 300 mm 600 x 600 mm</p>	<p>Letter: D</p>  <p>OK04 300 x 300 mm 600 x 600 mm</p>
<p>Letter: E</p>  <p>OK05 300 x 300 mm 600 x 600 mm</p>	<p>Letter: F</p>  <p>OK06 300 x 300 mm 600 x 600 mm</p>	<p>Letter: G</p>  <p>OK07 300 x 300 mm 600 x 600 mm</p>	<p>Letter: H</p>  <p>OK08 300 x 300 mm 600 x 600 mm</p>
<p>Letter: I</p>  <p>OK09 300 x 300 mm 600 x 600 mm</p>	<p>Letter: J</p>  <p>OK10 300 x 300 mm 600 x 600 mm</p>	<p>Letter: K</p>  <p>OK11 300 x 300 mm 600 x 600 mm</p>	<p>Letter: L</p>  <p>OK12 300 x 300 mm 600 x 600 mm</p>
<p>Letter: M</p>  <p>OK13 300 x 300 mm 600 x 600 mm</p>	<p>Letter: N</p>  <p>OK14 300 x 300 mm 600 x 600 mm</p>	<p>Letter: O</p>  <p>OK15 300 x 300 mm 600 x 600 mm</p>	<p>Letter: P</p>  <p>OK16 300 x 300 mm 600 x 600 mm</p>
<p>Letter: Q</p>  <p>OK17 300 x 300 mm 600 x 600 mm</p>	<p>Letter: R</p>  <p>OK18 300 x 300 mm 600 x 600 mm</p>	<p>Letter: S</p>  <p>OK19 300 x 300 mm 600 x 600 mm</p>	<p>Letter: T</p>  <p>OK20 300 x 300 mm 600 x 600 mm</p>
<p>Letter: U</p>  <p>OK21 300 x 300 mm 600 x 600 mm</p>	<p>Letter: V</p>  <p>OK22 300 x 300 mm 600 x 600 mm</p>	<p>Letter: W</p>  <p>OK23 300 x 300 mm 600 x 600 mm</p>	<p>Letter: X</p>  <p>OK24 300 x 300 mm 600 x 600 mm</p>
<p>Letter: Y</p>  <p>OK25 300 x 300 mm 600 x 600 mm</p>	<p>Letter: Z</p>  <p>OK26 300 x 300 mm 600 x 600 mm</p>		



60

Mandatory signs

<p>Number:0</p> <p>ON00 300 x 300 mm 600 x 600 mm</p>	<p>Number:1</p> <p>ON01 300 x 300 mm 600 x 600 mm</p>	<p>Number:2</p> <p>ON02 300 x 300 mm 600 x 600 mm</p>	<p>Number:3</p> <p>ON03 300 x 300 mm 600 x 600 mm</p>
<p>Number:4</p> <p>ON04 300 x 300 mm 600 x 600 mm</p>	<p>Number:5</p> <p>ON05 300 x 300 mm 600 x 600 mm</p>	<p>Number:6</p> <p>ON06 300 x 300 mm 600 x 600 mm</p>	<p>Number:7</p> <p>ON07 300 x 300 mm 600 x 600 mm</p>
<p>Number:8</p> <p>ON08 300 x 300 mm 600 x 600 mm</p>	<p>Number:9</p> <p>ON09 300 x 300 mm 600 x 600 mm</p>		


MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 300 x 300 mm • 600 x 600 mm

Toilets-female  IS001 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Toilets-male  IS002 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	UNISEX WC  IS003 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Fully accessible toilet  IS004 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm
Reception or check-in  IS005 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Sauna  IS006 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Assembly point  IS007 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Cinema  IS008 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm
WC Instructions  IS009 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Child care  IS010 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Meeting room  IS011 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Business center  IS012 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm
Teaching room  IS013 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Meeting room  IS014 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Lounge or waiting area  IS015 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Cupboard  IS016 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm
Litter bin  IS017 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	No access  IS018 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	INFO point  IS019 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Restaurant  IS020 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm
Refreshments - Coffee or buffet  IS021 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Surveillance camera  IS022 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Accommodation facilities or hotel  IS023 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm	Shop or shopping  IS024 100 x 100 mm 200 x 200 mm 300 x 300 mm 400 x 400 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 100 mm • 200 x 200 mm • 300 x 300 mm • 400 x 400 mm

62 Information signs

Pharmacy



IS025

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Bar



IS026

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Snack machine



IS027

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Smoking area or smoking allowed



IS028

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Hospital



IS029

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

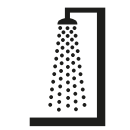
Drinking water



IS030

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Shower



IS031

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Lost and found or lost property



IS032

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Baggage lockers or coin lockers



IS033

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

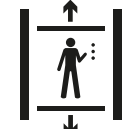
Stairs



IS034

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Lift or elevator



IS035

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Accessible lift or elevator



IS036

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Direction arrow 90°



IS037

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Direction arrow 45°



IS038

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

Hand dryer



IS039

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm

All visitors report to reception



IS040

100 x 100 mm
200 x 200 mm
300 x 300 mm
400 x 400 mm



Civil protection signs

63

Bombshelter to the right



B61 500 x 100 mm
1000 x 200 mm

Bombshelter to the left



B62 500 x 100 mm
1000 x 200 mm

Bombshelter Multiple sides



B63 500 x 100 mm
1000 x 200 mm

Bombshelter



100 x 100 mm
200 x 200 mm

B64

Bombshelter Straight



B65 200 x 250 mm
400 x 500 mm

VSS-Storage



B66 400 x 100 mm

VSS Accessories



B67 400 x 100 mm

Bombshelter



100 x 100 mm

B68

VSS



B69 80x40 mm

Water supply signs

Groundwater area



VH01
240 x 240 mm
320 x 320 mm
400 x 400 mm

Water service plate: V



VH02
240 x 240 mm
320 x 320 mm
400 x 400 mm

Main water lock



VH03 200 x 50 mm
400 x 100 mm

Water



VH04 200 x 50 mm
400 x 100 mm

Standpipe



VH05 200 x 50 mm
400 x 100 mm

District heating



VH06
50 x 150 mm

Sewer



VH07
50 x 150 mm

Water pipe



VH08
50 x 150 mm

Water pipe



VH09 200 x 50 mm
400 x 100 mm

Water meter



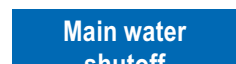
VH10 200 x 50 mm
400 x 100 mm

Main water shutoff



VH11 200 x 50 mm
400 x 100 mm

Main water shutoff



VH12 150 x 50 mm
300 x 100 mm

Water pipe



VH13 100 x 400 mm

Standpipe



VH14
200 x 300 mm



64 Environmental maintenance signs

<p>Metal</p> <p>YH01 200x150mm</p>	<p>Wellpap</p> <p>YH02 200x150mm</p>	<p>Paper</p> <p>YH03 200x150mm</p>	<p>Carton</p> <p>YH04 200x150mm</p>
<p>Glass</p> <p>YH05 200x150mm</p>	<p>Energy waste</p> <p>YH06 200x150mm</p>	<p>Bio waste</p> <p>YH07 200x150mm</p>	<p>Mix waste</p> <p>YH08 200x150mm</p>
<p>Battery recycling</p> <p>YH09 100x150 mm</p>	<p>Recycling</p> <p>YH10 150x150 mm</p>	<p>Litter bin</p> <p>YH11 150x150 mm</p>	
<p>Bio waste</p> <p>YH12 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> foods <input checked="" type="checkbox"/> filter papers with coffee grounds <input checked="" type="checkbox"/> household paper and paper napkins <input checked="" type="checkbox"/> egg shells <input checked="" type="checkbox"/> plants to mulch <input checked="" type="checkbox"/> wooden cutlery and toothpicks <input checked="" type="checkbox"/> other compostable waste No <input checked="" type="checkbox"/> plastic bags and packaging <input checked="" type="checkbox"/> metal packaging <input checked="" type="checkbox"/> foils <input checked="" type="checkbox"/> liquid waste <input checked="" type="checkbox"/> cigarette butts <input checked="" type="checkbox"/> vacuum cleaner dust bags <input checked="" type="checkbox"/> ice </p>	<p>Collection cardboard</p> <p>YH13 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> cardboard packaging (crust and baccal packages, pizza boxes, chicken egg shells) <input checked="" type="checkbox"/> cardboard cases (milk, juice, yogurt, wine and detergent cans) <input checked="" type="checkbox"/> corrugated board (cardboard boxes) <input checked="" type="checkbox"/> disposable cardboard containers <input checked="" type="checkbox"/> paper bags and sacks <input checked="" type="checkbox"/> paper bags (sugar, flour and bread bags) <input checked="" type="checkbox"/> paper roll sleeves No <input checked="" type="checkbox"/> dirty or unwashed packaging <input checked="" type="checkbox"/> plastic <input checked="" type="checkbox"/> aluminium </p>	<p>Collection paper</p> <p>YH14 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> newspapers and magazines <input checked="" type="checkbox"/> advertisements and brochures <input checked="" type="checkbox"/> colored papers <input checked="" type="checkbox"/> envelopes <input checked="" type="checkbox"/> recycled papers No <input checked="" type="checkbox"/> disposable containers <input checked="" type="checkbox"/> duplicating papers <input checked="" type="checkbox"/> copy paper wrappers <input checked="" type="checkbox"/> gift and wrapping papers <input checked="" type="checkbox"/> data protection papers <input checked="" type="checkbox"/> cardboard and cardboard plastic </p>	<p>Destructible paper</p> <p>YH15 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> Confidential papers, e.g.: <input checked="" type="checkbox"/> invoices <input checked="" type="checkbox"/> memos <input checked="" type="checkbox"/> vouchers <input checked="" type="checkbox"/> contracts No <input checked="" type="checkbox"/> floppy disks <input checked="" type="checkbox"/> movies and photos <input checked="" type="checkbox"/> CDs <input checked="" type="checkbox"/> overhead transparencies <input checked="" type="checkbox"/> memory sticks </p>
<p>Small metal</p> <p>YH16 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> cans and metal cans <input checked="" type="checkbox"/> aluminium pans and foils <input checked="" type="checkbox"/> metal lids <input checked="" type="checkbox"/> crown and screw caps <input checked="" type="checkbox"/> deposit-free drink cans <input checked="" type="checkbox"/> empty and dry paint cans <input checked="" type="checkbox"/> empty and non-pressurized aerosol cans <input checked="" type="checkbox"/> empty aluminium tubes, cap belted No <input checked="" type="checkbox"/> batteries or other hazardous waste <input checked="" type="checkbox"/> cables <input checked="" type="checkbox"/> electrical and electronic waste </p>	<p>Collection glass</p> <p>YH17 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> empty glass bottles <input checked="" type="checkbox"/> empty glass jars No <input checked="" type="checkbox"/> crystal <input checked="" type="checkbox"/> porcelain <input checked="" type="checkbox"/> ceramics <input checked="" type="checkbox"/> window glass <input checked="" type="checkbox"/> car windshields <input checked="" type="checkbox"/> light bulbs <input checked="" type="checkbox"/> bottle caps and jar lids <input checked="" type="checkbox"/> thermal glass (oven trays and coffee pots) <input checked="" type="checkbox"/> mirror glasses </p>	<p>Energy waste</p> <p>YH18 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> packaging plastic (not PVC) <input checked="" type="checkbox"/> dirty paper and cardboard <input checked="" type="checkbox"/> wooden packaging <input checked="" type="checkbox"/> plastic (not PVC) <input checked="" type="checkbox"/> styrofoam <input checked="" type="checkbox"/> paper towels <input checked="" type="checkbox"/> clothing and textiles No <input checked="" type="checkbox"/> bio waste <input checked="" type="checkbox"/> saturated wood <input checked="" type="checkbox"/> metal, glass, ceramics <input checked="" type="checkbox"/> stone, sand, soil <input checked="" type="checkbox"/> PVC plastic <input checked="" type="checkbox"/> hazardous waste <input checked="" type="checkbox"/> toiletries <input checked="" type="checkbox"/> (bandages, diapers, plasters) <input checked="" type="checkbox"/> cleaning waste <input checked="" type="checkbox"/> cigarette butts and ashes </p>	<p>Combustible waste</p> <p>YH19 100x200 mm 200x300 mm</p> <p> Yes <input checked="" type="checkbox"/> plastic films, packaging and objects <input checked="" type="checkbox"/> soiled paper and cardboard <input checked="" type="checkbox"/> used hygiene products, diapers <input checked="" type="checkbox"/> cleaning waste, dust bags <input checked="" type="checkbox"/> textile waste <input checked="" type="checkbox"/> EPS plastic, styrofoam <input checked="" type="checkbox"/> leather, rubber <input checked="" type="checkbox"/> wood-based waste <input checked="" type="checkbox"/> food, food waste <input checked="" type="checkbox"/> (if there is no biowaste collection) No <input checked="" type="checkbox"/> useful waste (glass, metal, paper, cardboard, cardboard, etc.) <input checked="" type="checkbox"/> landfill waste <input checked="" type="checkbox"/> hazardous waste <input checked="" type="checkbox"/> PVC plastic </p>



Environmental maintenance signs

65

Electrical and electronic waste, ser

ELECTRICAL- AND ELECTRONIC- WASTE, SER

YH20
100x200 mm
200x300 mm

Yes

- ✓ decommissioned small machines and electrical equipment
- ✓ computers, display terminals, keyboards
- ✓ televisions, refrigerators, electric toothbrushes, micro-microwave ovens coffee makers etc.

No

- ✗ hazardous waste
- ✗ landfill waste
- ✗ others suitable for commercial use wastes

Energy saving lamps

ENERGY- SAVING- LAMPS

YH21
100x200 mm
200x300 mm

Yes

- ✓ energy saving lamps
- ✓ compact fluorescent lamps and lamp base LEDs
- ✓ Na lamps

No

- ✗ incandescent and halogen lamps (landfill waste)
- ✗ other waste

KEEP THE LAMPS INTACT IN THE CONTAINER

Battery waste

BATTERY- WASTE

YH22
100x200 mm
200x300 mm

Yes

- ✓ batteries
- ✓ button batteries
- ✓ small rechargeable batteries and accumulators
- ✓ dry batteries

No

- ✗ other hazardous waste
- ✗ vehicle batteries
- ✗ landfill waste
- ✗ others suitable for commercial use wastes

Plastic bags

PLASTIC- BAGS

YH23
100x200 mm
200x300 mm

Yes

- ✓ empty plastic bags
- ✓ empty garbage bags

No

- ✗ plastic packaging
- ✗ other plastic
- ✗ hand towels
- ✗ paper bags
- ✗ metal
- ✗ glass

Mixed waste

MIXED WASTE

YH24
100x200 mm
200x300 mm

Yes

- ✓ unsorted mixed waste

No

- ✗ bio waste
- ✗ hazardous waste
- ✗ electrical and electronic waste
- ✗ useful waste (paper, cardboard, glass, energy waste, etc.)
- ✗ car tires

Landfill waste

LANDFILL WASTE

YH25
100x200 mm
200x300 mm

Yes

- ✓ not suitable for recycling waste

No

- ✗ biowaste
- ✗ hazardous waste
- ✗ electrical and electronic waste
- ✗ recyclable waste

Kitchen waste

KITCHEN- WASTE

YH26
100x200 mm
200x300 mm

Yes

- ✓ foods, food scraps, flowers
- ✓ kitchen paper and paper napkins
- ✓ wet and dirty paper
- ✓ plastic bags, bags, cans, bottles, and containers
- ✓ liquid, cardboard and cardboard packaging
- ✓ food styrofoam
- ✓ hygiene products (bandages and diapers)

No

- ✗ glass, metal and ceramics
- ✗ textiles and fabrics
- ✗ sandy garden waste
- ✗ hazardous waste
- ✗ cigarette butts and ashes
- ✗ Cleaning waste

Solid waste

SOLID WASTE

YH27
100x200 mm
200x300 mm

Yes

- ✓ porcelain and ceramics
- ✓ light bulbs
- ✓ PVC plastic
- ✓ textiles, nets, ribbons and strings
- ✓ mirror glass, glass and mineral wool
- ✓ rubber and leather
- ✓ videos, cassettes and discs
- ✓ markers and pens
- ✓ Cleaning waste
- ✓ cigarette butts and ashes (in a sealed bag)

No

- ✗ kitchen waste
- ✗ hazardous waste
- ✗ electrical and electronic waste
- ✗ useful waste (paper, cardboard, glass, etc.)
- ✗ car tires

Community waste

COMMUNITY WASTE

YH28
100x200 mm
200x300 mm

Yes

- ✓ plastic bags and packaging
- ✓ plastic items
- ✓ wet or dirty paper and cardboard
- ✓ hygiene products (bandages, diapers)
- ✓ clothes, textiles and shoes
- ✓ styrofoam

No

- ✗ bio waste
- ✗ metal
- ✗ glass, porcelain and ceramics
- ✗ light bulbs
- ✗ hazardous waste
- ✗ electrical and electronic waste
- ✗ car tires

Dry waste

DRY WASTE

YH29
100x200 mm
200x300 mm

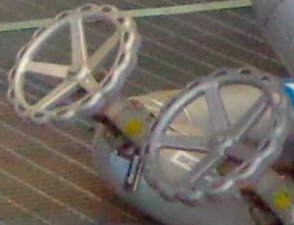
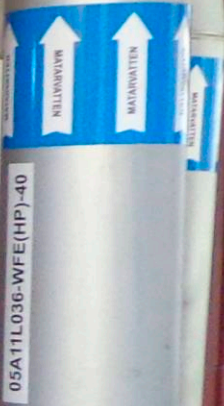
Yes

- ✓ Unusable waste, e.g.
- ✓✓ diapers
- ✓ textile waste
- ✓ porcelain and ceramics
- ✓ Cleaning waste and dust bags
- ✓ soiled paper, cardboard, plastic waste and wrappers

No

- ✗ bio waste
- ✗ hazardous waste
- ✗ electrical and electronic waste
- ✗ car tires
- ✗ useful waste (paper, cardboard, metal, energy waste etc.)







Danger of death

DANGER OF DEATH



WE01 100 x 40 mm
200 x 80 mm
300 x 120 mm

Danger life treathening

DANGER LIFE TREATHENING



WE02 100 x 40 mm
200 x 80 mm
300 x 120 mm

Voltage

VOLTAGE



WE03 100 x 40 mm
200 x 80 mm
300 x 120 mm

High voltage

HIGH VOLTAGE



WE04 100 x 40 mm
200 x 80 mm
300 x 120 mm

High voltage cable

HIGH VOLTAGE CABLE



WE05 100 x 40 mm
200 x 80 mm
300 x 120 mm

Cable

CABLE



WE06 100 x 40 mm
200 x 80 mm
300 x 120 mm

Underground cable

UNDERGROUND CABLE



WE07 100 x 40 mm
200 x 80 mm
300 x 120 mm

Testing in progress

TESTING IN PROGRESS



WE08 100 x 40 mm
200 x 80 mm
300 x 120 mm

Center coltage

CENTER COLTAGE



WE09 100 x 40 mm
200 x 80 mm
300 x 120 mm

Main switch does not disconnect tension

MAIN SWITCH DOES NOT DISCONNECT TENSION



WE10 100 x 40 mm
200 x 80 mm
300 x 120 mm

Warning reverse polarity voltage

WARNING REVERSE POLARITY VOLTAGE



WE11 100 x 40 mm
200 x 80 mm
300 x 120 mm

Reverse polarity voltage remember input points

REVERSE POLARITY VOLTAGE REMEMBER INPUT POINTS



WE12 100 x 40 mm
200 x 80 mm
300 x 120 mm

Discharged capacitor is life treathening

DISCHARGED CAPACITOR IS LIFE TREATHENING



WE13 100 x 40 mm
200 x 80 mm
300 x 120 mm

Circuit breakers and primary relays voltage

CIRCUIT BREAKERS AND PRIMARY RELAYS VOLTAGE



WE14 100 x 40 mm
200 x 80 mm
300 x 120 mm

Circuit breaker pillars voltage

CIRCUIT BREAKER PILLARS VOLTAGE



WE15 100 x 40 mm
200 x 80 mm
300 x 120 mm

Warning parallel feed

WARNING PARALLEL FEED



WE16 100 x 40 mm
200 x 80 mm
300 x 120 mm

Warning foreign control voltage

WARNING FOREIGN CONTROL VOLATGE



WE17 100 x 40 mm
200 x 80 mm
300 x 120 mm

Fuses removed

FUSES REMOVED



WE18 100 x 40 mm
200 x 80 mm
300 x 120 mm

Warning:



WE19 100 x 40 mm
200 x 80 mm
300 x 120 mm

Customized text

CUSTOMIZED TEXT



WE20 100 x 40 mm
200 x 80 mm
300 x 120 mm

Do not connect out of order

DO NOT CONNECT OUT OF ORDER



WE21 100 x 40 mm
200 x 80 mm
300 x 120 mm

Do not connect earthed

DO NOT CONNECT EARTHED



WE22 100 x 40 mm
200 x 80 mm
300 x 120 mm

Do not connect work in progress

DO NOT CONNECT WORK IN PROGRESS



WE23 100 x 40 mm
200 x 80 mm
300 x 120 mm

Do not connect unsynchronized networks

DO NOT CONNECT UNSYNCHRONIZED NETWORKS



WE24 100 x 40 mm
200 x 80 mm
300 x 120 mm

Electrical safety signs

69

Do not touch wires and instruments

**DO NOT TOUCH
WIRES AND
INSTRUMENTS**



WE25 100 x 40 mm
200 x 80 mm
300 x 120 mm

The enclosure should only be opened by an electrical professional

THE ENCLOSURE SHOULD ONLY
BE OPENED BY AN ELECTRICAL
PROFESSIONAL



WE26 100 x 40 mm
200 x 80 mm
300 x 120 mm

Fuses must not be replaced before than the main switch is opened

FUSES MUST NOT BE REPLACED
BEFORE THE MAIN SWITCH IS
OPENED



WE27 100 x 40 mm
200 x 80 mm
300 x 120 mm

Access forbidden



WE28 100 x 40 mm
200 x 80 mm
300 x 120 mm

Electric area access forbidden

**ELECTRIC AREA
ACCESS FORBIDDEN**



WE29 100 x 40 mm
200 x 80 mm
300 x 120 mm

Testing area access forbidden

**TESTING AREA
ACCESS FORBIDDEN**



WE30 100 x 40 mm
200 x 80 mm
300 x 120 mm

Customised text

**CUSTOMIZED
TEXT**



WE31 100 x 40 mm
200 x 80 mm
300 x 120 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 40 mm • 200 x 80 mm 300 x 120 mm

Danger of death



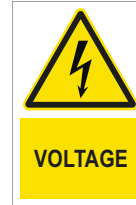
WE32
80 x 120 mm
150 x 225 mm
200 x 300 mm

Danger of life



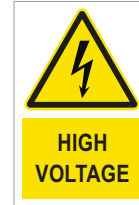
WE33
80 x 120 mm
150 x 225 mm
200 x 300 mm

Voltage



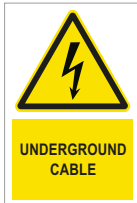
WE34
80 x 120 mm
150 x 225 mm
200 x 300 mm

High voltage



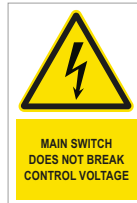
WE35
80 x 120 mm
150 x 225 mm
200 x 300 mm

Underground cable



WE36
80 x 120 mm
150 x 225 mm
200 x 300 mm

Main switch does not break control voltage



WE37
80 x 120 mm
150 x 225 mm
200 x 300 mm

Center voltage



WE38
80 x 120 mm
150 x 225 mm
200 x 300 mm

Watch out above existing voltage wires



WE39
80 x 120 mm
150 x 225 mm
200 x 300 mm

Foreign control voltage in center



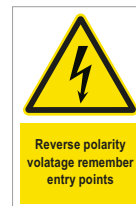
WE40
80 x 120 mm
150 x 225 mm
200 x 300 mm

Warning reverse polarity voltage



WE41
80 x 120 mm
150 x 225 mm
200 x 300 mm

Reverse polarity voltage remember entry points



WE42
80 x 120 mm
150 x 225 mm
200 x 300 mm

Warning parallel feed



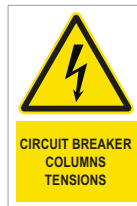
WE43
80 x 120 mm
150 x 225 mm
200 x 300 mm

Warning foreign voltage



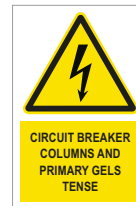
WE44
80 x 120 mm
150 x 225 mm
200 x 300 mm

Circuit breaker columns tension



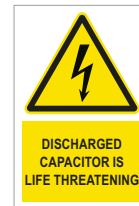
WE45
80 x 120 mm
150 x 225 mm
200 x 300 mm

Circuit breaker columns and primary gels tense



WE46
80 x 120 mm
150 x 225 mm
200 x 300 mm

Discharged capacitor is life-threatening



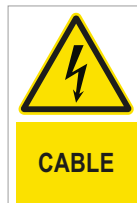
WE47
80 x 120 mm
150 x 225 mm
200 x 300 mm

Testing in progress



WE48
80 x 120 mm
150 x 225 mm
200 x 300 mm

Cable



WE49
80 x 120 mm
150 x 225 mm
200 x 300 mm

Watch out electric heating



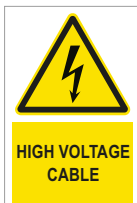
WE50
80 x 120 mm
150 x 225 mm
200 x 300 mm

Fuses removed



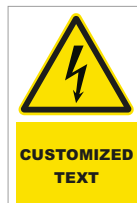
WE51
80 x 120 mm
150 x 225 mm
200 x 300 mm

High voltage cable



WE52
80 x 120 mm
150 x 225 mm
200 x 300 mm













Customized text



WE53
80 x 120 mm
150 x 225 mm
200 x 300 mm

Electrical safety signs

71

<p>Do not connect out of order</p>  <p>PE01 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Do not connect Out of order</p>	<p>Do not touch wires and instruments</p>  <p>PE02 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Do not touch Wires and instruments</p>	<p>No entry</p>  <p>PE03 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>No entry</p>	<p>Do not connect unsynchronised networks</p>  <p>PE04 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Do not connect Unsynchronised networks</p>
<p>Do not connect out of order not in use</p>  <p>PE05 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Do not connect out of order Not in use</p>	<p>Out of order do not use</p>  <p>PE06 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Out of order Do not use</p>	<p>Do not use the area...</p>  <p>PE07 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Do not use the area in front of the electrical center as a storage place</p>	<p>Electrical area unauthorized personnell forbidden</p>  <p>PE08 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Electrical area Unauthorized personnell forbidden</p>
<p>Test area access denied</p>  <p>PE09 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Test area Access denied</p>	<p>Fuses shall not be changed before the main switch is open</p>  <p>PE10 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>Fuses shall not be changed before the main switch is open</p>	<p>The housing may be opened only by an electrical professional</p>  <p>PE11 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>The housing may be opened only by an electrical professional</p>	<p>Customized text</p>  <p>PE12 80 x 120 mm 150 x 225 mm 200 x 300 mm</p> <p>CUSTOMIZED TEXT</p>

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 80 x 120 • 150 x 225 mm • 200 x 300 mm • 400 x 600 mm

Main electricity center

**MAIN ELECTRICITY
 CENTER**
ME01 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Electricity center

**ELECTRICITY
 CENTER**
ME02 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Center for measurement

**CENTER FOR
 MEASUREMENT**
ME03 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

IV-Machineroom

IV-MACHINEROOM
ME04 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Converter

CONVERTER
ME05 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Transformer

TRANSFORMER
ME06 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Electronic indicator

**ELECTRIC
 INDICATOR**
ME07 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Main switch

MAIN SWITCH
ME08 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Main shut

MAIN SHUT
ME09 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Out of use

OUT OF USE
ME10 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Distribution limit

**DISTRIBUTION
 LIMIT**
ME11 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Customized text

**CUSTOMIZED
 TEXT**
ME12 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Safety switch

SAFETY SWITCH
SE01 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

 Main and control current safety
 switch

**MAIN AND
 CONTROL CURRENT
 SAFETY SWITCH**
SE02 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Control current safety switch

**CONTROL CURRENT
 SAFETY SWITCH**
SE03 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Safety light

SAFETY LIGHT
SE04 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Crane safety switch

**CRANE SAFETY
 SWITCH**
SE05 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Work area earthed

**WORK AREA
 EARTHED**
SE06 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Customized text

**CUSTOMIZED
 TEXT**
SE07 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

Emergency switch

**EMERGENCY
 SWITCH**
SE08 100 x 40 mm
 200 x 80 mm
 300 x 120 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES
All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 100 x 40 mm • 200 x 80 mm • 300 x 120 mm

Electrical safety signs

73

Not in use



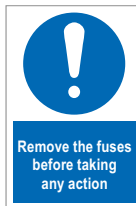
ME20
80 x 120 mm
150 x 225 mm
200 x 300 mm

Remember to earth



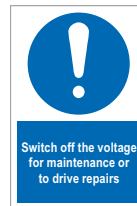
ME21
80 x 120 mm
150 x 225 mm
200 x 300 mm

Remove the fuses before taking any action



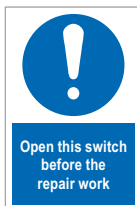
ME22
80 x 120 mm
150 x 225 mm
200 x 300 mm

Switch off the voltage for maintenance or to drive repairs



ME23
80 x 120 mm
150 x 225 mm
200 x 300 mm

Open this switch before the repair work



ME24
80 x 120 mm
150 x 225 mm
200 x 300 mm

Leave 1m free space in front of distribution center



ME25
80 x 120 mm
150 x 225 mm
200 x 300 mm

Leave 1m free space in front of transformer



ME26
80 x 120 mm
150 x 225 mm
200 x 300 mm

Customized text



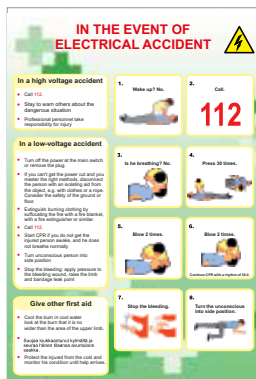
ME99
80 x 120 mm
150 x 225 mm
200 x 300 mm

Electric fence



















WE54
80 x 120 mm
150 x 225 mm
200 x 300 mm

Electric injury first aid manual



WE55
80 x 120 mm
150 x 225 mm
200 x 300 mm
400 x 600 mm

<p>Do not close</p>  <p>T01 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Do not open</p>  <p>T02 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Do not start</p>  <p>T03 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Do not connect</p>  <p>T04 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>
<p>Do not close the valve</p>  <p>T05 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Do not open the valve</p>  <p>T06 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Do not move</p>  <p>T07 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Customized text</p>  <p>T08 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>
<p>Caution dangerous voltage</p>  <p>T21 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Testing in progress</p>  <p>T22 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Do not connect work in progress</p>  <p>T23 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Customized text</p>  <p>T24 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>
<p>Watch out the machine starts automatically</p>  <p>T25 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Under construction</p>  <p>T26 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Out of order</p>  <p>T27 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>	<p>Customized text</p>  <p>T28 75 x 150 mm Reikä Ø 5</p> <p>Date: _____ Explanation: _____ Signed by: _____</p>

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl
- White, self-adhesive vinyl

Standard sizes and materials are in stock and immediately available

- 80 x 120 • 150 x 225 mm • 200 x 300 mm • 400 x 600 mm

Combination signs



Palavan nesteen varasto
Asiattomilta pääsy kielletty
Alueella käsitellään vaaralliseksi
luokiteltuja kemikaaleja











Räjähdyksivaarallinen alue
Alueet erikseen merkitty
Explosiv atmosfär
Området speciellt utmärkt
Explosive atmosphere
Separately marked area

112

Hätänumero
Nödnummer
Emergency nr.



Tallentava kameravalvonta
Bandande kamerabevakning
Recording securitycamera



Signwell Oy
Ajurinpuosto 2
10600, Tammisaari

Valvomo \ Kontrollrum \ Controlroom
+358 19 265 6600

LOGO

SIGNWELL



The purpose of safety signs is to quickly draw attention to objects and situations that affect safety and health. The sign is placed in such a way that the symbol and text are visible in different directions as well as possible. Safety marking work to land, tells the necessary equipment and dangers. Below is our standard area sign.

OF THE WORKING COUNTRY AREA NAME

Storage of flammable liquids

Authorized personnel only
The area is treated as dangerous
classified chemicals

112

Räjähdyksenvaarallinen alue
Ålueet erikseen merkitty
Explosiv atmosfär
Området speciellt utmärkt
Explosive atmosphere
Separately marked area

Hätänumero
Nöðnummur
Emergency nr.

Tallentava kameravalvonta
Bandande kamerabevakning
Recording security camera

Signwell Oy
Ajuripuosto 2
10600, Tammiisaari

Valvomo | Kontrollrum | Controlroom
+358 19 265 6600

LOGO

PAINT STORE

Danger
very flammable
material

Danger
harmful
materials

Fire, open flames and
smoking is forbidden

Use
protective gloves

Keep the door closed

Protected space.
When you hear the alarm
Evacuate the space immediately and close all exits behind you.

MATERIAL SPECIFICATIONS AND AVAILABLE SIZES

All signs in the catalog are available in a variety of materials:

- PVC • Light aluminum • Aluminum composite • Reflective background + material • Transparent vinyl
- White, self-adhesive vinyl

Symbols and texts are available on request.



Combination signs

77

The purpose of safety signs is to quickly draw attention to objects and situations that affect safety and health. The sign is placed in such a way that the symbol and text are visible in different directions as well as possible. Safety marking work to land, tells the necessary equipment and dangers. Below is our standard area sign.

<p>Chemicals and paint store</p> <p>CHEMICALS AND PAINT STORE</p> <p>PY0302T 300x300mm 400x400mm 600x600mm</p>	<p>LNG Bunker station</p> <p>LNG BUNKER STATION</p> <p>PY0203T 300x300mm 400x400mm 600x600mm</p>	<p>Nitrogen room</p> <p>NITROGEN ROOM</p> <p>PY0203T 300x300mm 400x400mm 600x600mm</p>
<p>Use personal protective equipment</p> <p>MY004</p> <p>300x300mm 400x400mm 600x600mm</p> <p>Warning! Hot substances can cause serious injuries. Use personal protective equipment.</p>	<p>Warning! Watch out for sudden loud noises</p> <p>VY005</p> <p>300x400mm</p> <p>Warning! Watch out for sudden loud noises</p>	<p>Be careful with your hearing, use hearing protection</p> <p>PSY006</p> <p>200x400mm</p>
<p>Dangerous condition</p> <p>RVY0102</p> <p>150x100mm 300x300mm</p> <p>WARNING HAZARDOUS CONDITION</p> <p>ACCESS FORBIDDEN</p>	<p>Fire hazard, smoking and open flames are prohibited</p> <p>PY008</p> <p>200x300mm</p> <p>FIRE HAZARD</p> <p>FIRE, OPEN FLAMES AND SMOKING IS FORBIDDEN</p>	<p>Beware, automatic door, keep closed</p> <p>PY009</p> <p>300x300mm</p> <p>DANGER AUTOMATICALLY SLIDING DOOR</p> <p>KEEP THE DOOR CLOSED</p>
<p>Helipad</p> <p>RVY0105T</p> <p>200x300mm 400x600mm</p> <p>HELIPAD</p> <p>WARNING WATCH OUT FOR THE PUNCH ROTOR, DO NOT GO BEHIND THE HELICOPTER</p> <p>Fire, open flame and smoking is prohibited</p> <p>No one is allowed on the helipad under helicopter landings and takeoffs</p> <p>Do not approach the helicopter while the red anti-collision lights flash</p> <p>Do not wear a helmet, no loose objects</p>	<p>Move the bottles to a safe area</p> <p>VY011</p> <p>200x300mm</p> <p>BEWARE EXPLOSIVE</p> <p>In case of fire move the bottles to a safe area</p>	

MATERIAL SPECIFICATIONS AND AVAILABLE SIZES

All signs in the catalog are available in a variety of materials:

- PVC • Light aluminum • Aluminum composite • Reflective background + material • Transparent vinyl • White self-adhesive vinyl • Pet-x (PVC-free)

78 Custom vertical combination signs



Combination signs to combine several symbols with your own language and text. Signwell's team will help you with professionally designed templates that are made to be customizable, you can easily create multiple signs and text with a professional appearance on the safety sign.

Combination sign with 2 vertical symbols



RVY0102
300x200mm
600x400mm

Combination sign with 3 vertical symbols



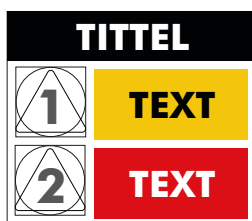
RVY0103
300x300mm
600x600mm

Combination sign with 4 vertical symbols



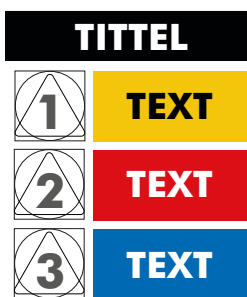
RVY0104
300x400mm
600x800mm

Combination sign with 2 vertical symbols & title



RVY0102T
300x230mm
600x460mm

Combination sign with 3 vertical symbols & title



RVY0103T
300x330mm
600x660mm

Combination sign with 4 vertical symbols & title



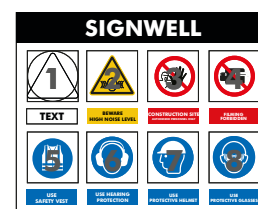
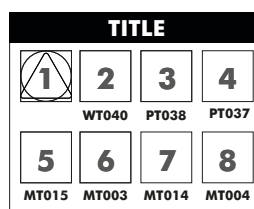
RVY0104T
300x450mm
600x900mm

HOW TO ORDER

- Step 1. Select model: e.g. **RPY0402T**
- Step 2. Select symbol(s) e.g. **2. WT040...8.MT004**
- Step 3. Choose the text (if your own)
- Step 4. Choose a title: e.g. **SIGNWELL**
- Step 5. Select material: e.g. **plastic**
- Step 6. Choose size: e.g. **400x330mm**

All signs in the catalog are available in a variety of materials:

- PVC • Light aluminum • Aluminum composite • Reflective background + material • Transparent vinyl • White self-adhesive vinyl • Pet-x (PVC-free)



RPY0402T
400x330mm
800x650mm

Custom Horizontal Combination Signs

79

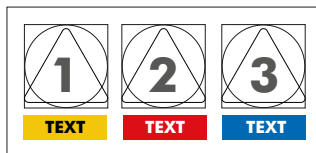
Combination sign with 2 horizontal symbols



RPY0201

200x150mm
400x300mm

Combination sign with 3 horizontal symbols



RPY0203

300x150mm
600x300mm

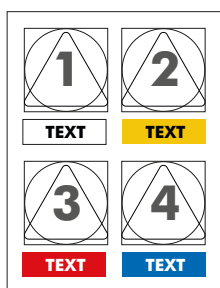
Combination sign with 4 horizontal symbols



RPY0204

400x150mm
800x300mm

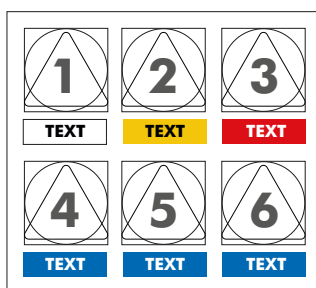
Combination sign with 2 horizontal symbols



RPY0202

200x300mm
400x600mm

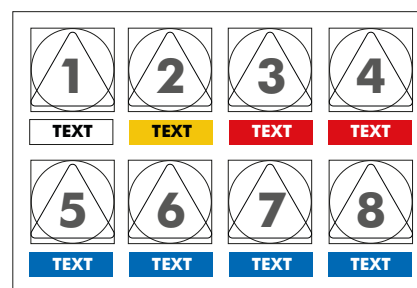
Combination sign with 3 horizontal symbols



RPY0302

300x300mm
600x600mm

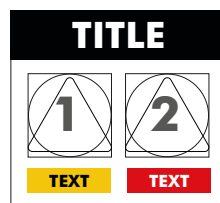
Combination sign with 2 horizontal symbols



RPY0402

400x300mm
800x600mm

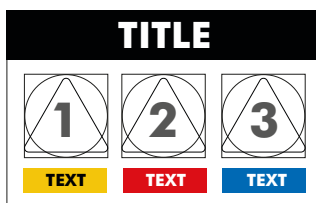
Combination sign with 2 horizontal symbols & title



RPY00201T

200x180mm
400x360mm

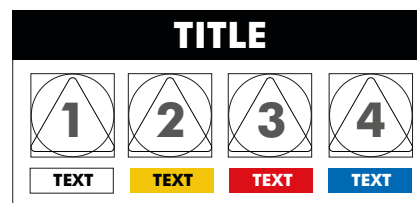
Combination sign with 3 horizontal symbols & title



RPY0301T

300x180mm
600x360mm

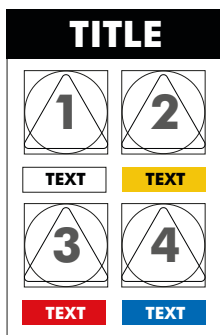
Combination sign with 4 horizontal symbols & title



RPY0401T

400x180mm
800x360mm

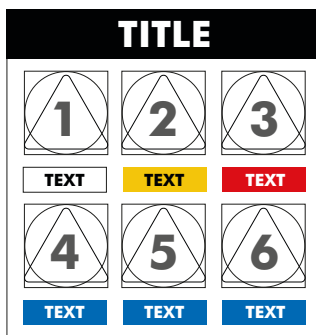
Combination sign with 2 horizontal symbols & title



RPY0202T

200x330mm
400x660mm

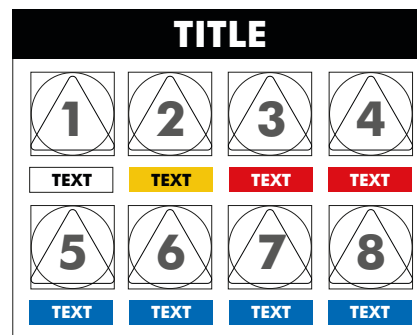
Combination sign with 3 horizontal symbols & title



RPY0302T

300x330mm
600x660mm

Combination sign with 4 horizontal symbols & title



RPY0402T

400x330mm
800x660mm

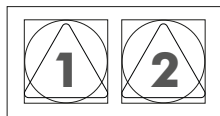
MATERIAL SPECIFICATIONS AND AVAILABLE SIZES

All signs in the catalog are available in a variety of materials:

- PVC • Light aluminum • Aluminum composite • Reflective background + material • Transparent vinyl • White self-adhesive vinyl • Pet-x (PVC-free)

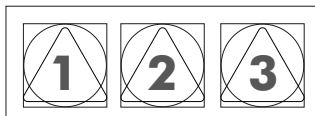
80 Custom horizontal combination signs

Combination sign with 2 horizontal symbols


RPSY0201

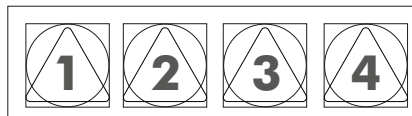
 200x100mm
400x200mm

Combination sign with 3 horizontal symbols


RPSY0203

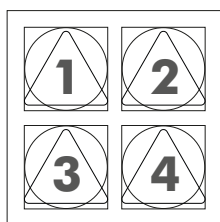
 300x100mm
600x200mm

Combination sign with 4 horizontal symbols


RPSY0204

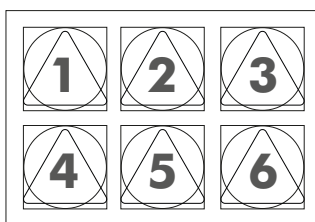
 400x100mm
800x200mm

Combination sign with 2 horizontal symbols


RPSY0202

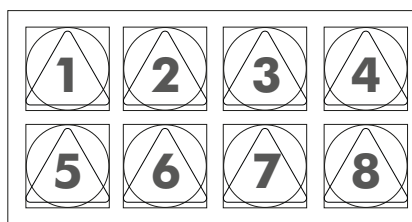
 200x200mm
400x400mm

Combination sign with 3 horizontal symbols


RPSY0302

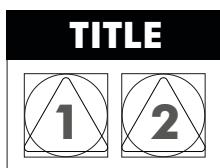
 300x200mm
600x400mm

Combination sign with 4 horizontal symbols


RPSY0402

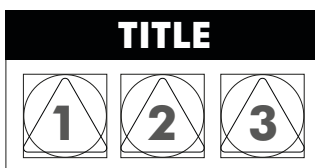
 400x200mm
800x400mm

Combination sign with 2 horizontal symbols & title


RPSY00201T

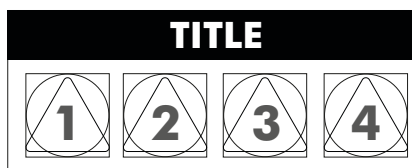
 200x130mm
400x260mm

Combination sign with 3 horizontal symbols & title


RPSY0301T

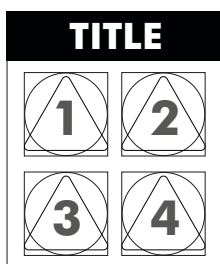
 300x130mm
600x260mm

Combination sign with 4 horizontal symbols & title


RPSY0401T

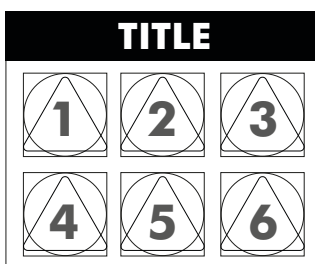
 400x130mm
800x260mm

Combination sign with 2 horizontal symbols & title


RPSY0202T

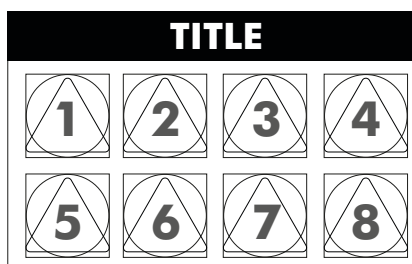
 200x230mm
400x460mm

Combination sign with 3 horizontal symbols & title


RPSY0302T

 300x230mm
600x460mm

Combination sign with 4 horizontal symbols & title


RPSY0402T

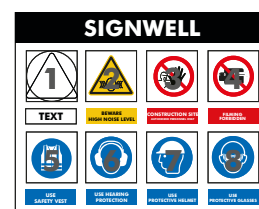
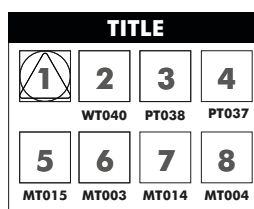
 400x230mm
800x460mm

HOW TO ORDER

- Step 1. Select model: **e.g. RPY0402T**
- Step 2. Select symbol(s) **e.g. 2. WT040...8.MT004**
- Step 3. Choose the text (if your own)
- Step 4. Choose a title: **e.g. SIGNWELL**
- Step 5. Select material: **e.g. plastic**
- Step 6. Choose size: **e.g. 400x330mm**

All signs in the catalog are available in a variety of materials:

- PVC • Light aluminum • Aluminum composite • Reflective background + material • Transparent vinyl • White self-adhesive vinyl • Pet-x (PVC-free)


RPY0402T

 400x330mm
800x650mm

Customized horizontal combination signs

81

Below is an example of a situation where a combination sign is suitable. **Picture 1**. Is an example of a situation where signs are piled up. With the help of combination signs, as shown in **Picture 2**, you make operations more efficient and at the same time create a safer environment where a quick and clear safety message is created for employees, guests, maintenance workers and other people moving in the area. With the help of a professional-looking combination sign, you can make your operations more efficient and at the same time create a safer environment.

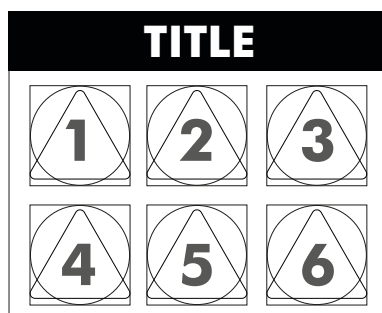


Picture 1. Safety signs piled up



Picture 2. Combination plate with 3 horizontal symbols

Combination sign with 3 horizontal symbols



RPSY0302T

300x230mm
600x460mm



RPSY0302T

300x230mm
600x460mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All signs in the catalog are available in several different materials:

- PVC • Light aluminum • Aluminum composite • Reflective background + material
- Transparent vinyl • White, self-adhesive vinyl • Pet-x (PVC free)

Symbols and texts available upon request. ⚠



**Anti-slip
material!**

Unauthorized personnell forbidden



LM01
Ø 400mm
Ø 600mm

No photography



LM02
Ø 400mm
Ø 600mm

Forklifts and other industrial vehicles
forbidden



LM03
Ø 400mm
Ø 600mm

No smoking



LM04
Ø 400mm
Ø 600mm

No walkthrough



LM05
Ø 400mm
Ø 600mm

Walk here



LM06
Ø 400mm
Ø 600mm

Use earprotection



LM07
Ø 400mm
Ø 600mm

General mandatory



LM08
Ø 400mm
Ø 600mm

Use safety goggles and helmet



LM09
Ø 400mm
Ø 600mm

Use filtering eye protection



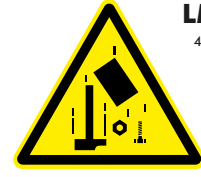
LM10
Ø 400mm
Ø 600mm

Warning forklifts and other
industrial vehicles



LM11
400 x 600mm

Falling objects



LM12
400 x 600mm

Fall risk



LM13
400 x 600mm

Warning: obstacle in head height



LM14
400 x 600mm

Slippery surface



LM15
400 x 600mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

- White, self-adhesive vinyl

Symbols and texts available on request.



Property and yard area signs, reflective

83

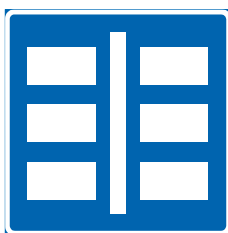
Material:
Aluminum



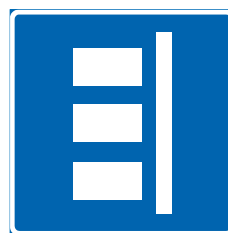
Other sizes &
symbols
available.



KP01
400x400 mm



KP02
400x400 mm



KP03
400x400 mm



KP04
400x400 mm



KP05
400x150 mm



KP06
400x150 mm



KP07 400x150 mm



KP08
400x400 mm



KP09
Ø 400 mm



KP10
Ø 400 mm



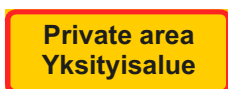
KP11
Ø 400 mm



KP12
Ø 400 mm



KP13
400x150 mm



KP14
400x150 mm



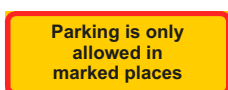
KP15
400x150 mm



KP16
400x150 mm



KP17
400x150 mm



KP18
400x150 mm



KP19
400x150 mm



KP20
400x150 mm



KP21
400x150 mm



KP22
400x250 mm



KP23
400x400 mm



KP24
400x400 mm



KP25
400x400 mm



KP26
300x400 mm



Other symbols
available

Afterglowing signs & posters

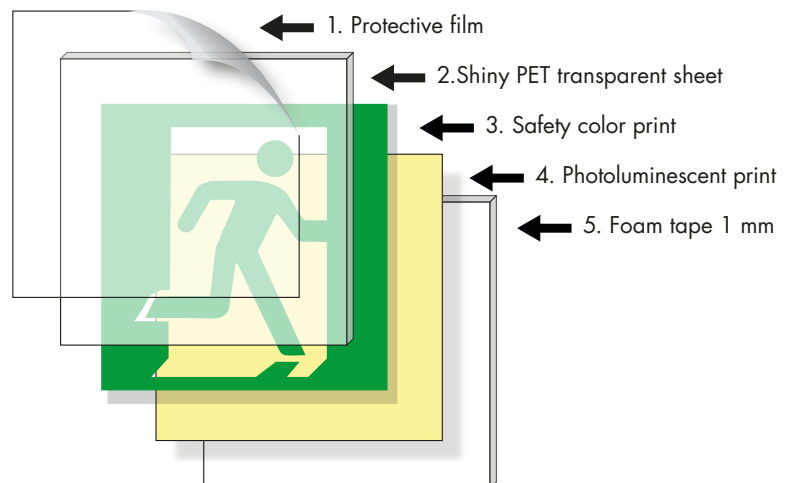


Durability through innovation

SafeSign photoluminescent signs store energy from light sources and release the light energy in the dark, thanks to the 100% environmentally friendly photoluminescent material. The photoluminescent material does not contain toxic or radioactive additives and meets all the requirements created for incandescent products.

SafeSign renewed the sign production by replacing widely used PVC with modified PET, which is made from a completely recyclable material. Due to the toxicity and fire resistance of PVC, its use has been restricted and even banned, which is why a modified and safe PET sign has been used as a substitute. In addition, SafeSign products are UV-resistant and offer a 5-year warranty, unlike PVC signs, which turn yellow quickly.

Another revolutionary innovation of SafeSign, which makes it so that the print is protected from environmental influences, is that it is printed from the back, resulting in a glossy front. SafeSign signs are easy to install with a self-adhesive back, all signs come with a protective front film, which should be removed after installation.



The most affordable signs

The price of the sign itself is only a small part of the total cost. Identification, ordering, shipping, installation and billing usually account for more than 90% of the total cost. With an estimated lifespan of 10 to 15 years, you reduce your costs and follow an environmentally friendly and safe purchasing policy.

86 Standard signs product range

WHY SHOULD PVC NOT BE USED IN SIGNS?

Solas Chapter 11-2 Reg 6 Part B 6.2 Part B - Fire and Explosion Prevention
Reg 6 Smoke generation potential and toxicity.

The purpose of this regulation is to reduce the risk to life of smoke and toxic products from fire in areas where people normally work or live. The amount of smoke and toxic products released from combustible materials during a fire, including surface treatments, should be limited.

Paints, varnishes and other finishes used on exposed interiors shall not produce excessive amounts of smoke and toxic substances as determined by the fire test code.

Solas Chapter 11-2 Reg 5 Part B 3.2.4.1

According to the fire test code, the following surfaces must be slightly flame-retardant: In passenger ships, these surfaces can be found mainly in corridors and stairwells, as well as in the lining of bulkheads and roofs in accommodation and service spaces (except saunas), control stations, etc ...

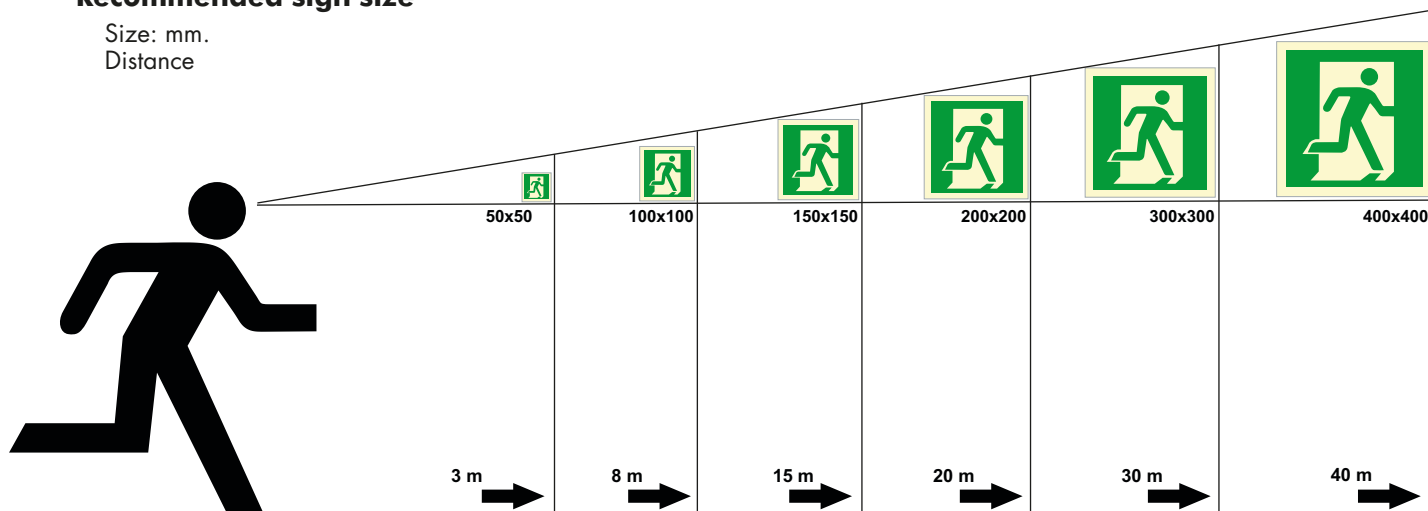
Materials used for bulkheads of accommodation spaces as defined in regulation 11-2/3.1					
Bulkhead components	Non-Combustible Material (5.3.1.1) (5.3.1.2.1)	Calorific Value (5.3.2.2)	Equivalent Volume (5.3.2.3)	Low flame spread (5.3.2.4)*	Smoke Production, toxic products (6.2)
	(A)	(B)	(C)	(D)	(E)
1 moulding			X		
2 signs (rescue/fire protection)				X	X
3 wall panel (lining)	X				
4 grounds and supports	X				
5 draft stops	X				
6 insulation	X				
7 insulation surface**				X (5.3.2.4.1.2)	
8 decoration			X		
9 painted surface** or fabric or veneer**		X		X (5.3.2.4.1.2)	
10 painted surface or fabric or veneer		X	X	X (5.3.2.4.1.1)	X
11 Low Location Light				X	X
12 skirting board			X		

Sign Installation

SafeSign is the only manufacturer to supply all signs, posters and LLL tapes with a self-adhesive backing. You never have to use glues or other methods to attach products. The self-adhesive substrate made of PE closed cell foam has been specially selected to withstand the harsh marine environment. All signs, posters, and LLL tapes come with a protective front film that must be removed after the product is installed.

Recommended sign size

Size: mm.
Distance



The size of the sign is chosen according to the viewing distance and the design of the premises.

Attention; these recommended sign sizes are based on 100 lux under normal lighting.

Standard signs product range

87

Standard SIGNS SafeSign	Height of the Symbol	Classification	Photoluminescence	
		ISO17398	10 min	60 min
PET-X, SafeSign XL, self adhesive	Standard dimensions as listed	B+	75 mcd/m ²	10 mcd/m
PET-X, SafeSign XL mini LLL symbol, self adhesive	50 mm	B+	75 mcd/m ²	10 mcd/m ₂
Transparent mini LLL symbol, self adhesive	50 mm	NA	NA	NA
PET-X, SafeSign no afterglow	As in the catalogue	NA	NA	NA

Attention; The heights of the standard symbols in the list are 150 mm, unless the height of the sign is stated to be 100 mm. All non-standard symbol heights can be prepared upon request. Other features: Photoluminescent features available from 10 min to 700 mcd / m²/60 min to 90 mcd / m².

Available upon request	Symbol Height	Classification	Photoluminescence	
		ISO17398	10 min	60 min
Pet-X, SafeSign XL Round edges, self adhesive	Standard dimensions as listed	B+	75 mcd/m ²	10 mcd/m
Pet-X, SafeSign XL, self adhesive	50, 70, 100, 150, 200, 300, 400 mm	B+	75 mcd/m ²	10 mcd/m ²
Aluminium SafeSign XXL	Standard dimensions as listed	C+	160 mcd/m ²	22 mcd/m ²
Aluminium SafeSign XXX, colourglow (safety colours in the dark)	Standard dimensions as listed	E	300 mcd/m ²	40 mcd/m ²
PVC, SafeSign XL, self adhesive	Standard dimensions as listed		50 mcd/m ²	7 mcd/m
Retro-Reflective 3M, 5 years guarantee outdoors, self adhesive	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA
Retro-Reflective 3M, 5 years guarantee outdoors, PET-X 4 mm	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA
Retro-Reflective 3M, 5 years guarantee outdoors, RST, pickled and passivated 2 mm	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA
Standard vinyl for outdoor use, 5 years guarantee	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA

Attention; See installation options, such as Panorama Mounting Panels, on pages 147-.

88 Escape route signs, standard iso 7010

Escape route forward/Esc. door



E100 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape door left



E101 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route downwards



E102 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route to the left



E103 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route to the right



E104 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route downstairs left



E105 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route downstairs right



E106 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route upstairs left



E107 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape route upstairs right



E108 300 x 150 mm
400 x 200 mm
600 x 300 mm

Escape direction, arrow (90°)



E109
150 x 150 mm
200 x 200 mm
400 x 400 mm

Escape direction, arrow (45°)



E110
150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency exit (left hand)



E111
150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency exit (right hand)



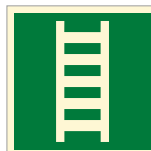
E112
150 x 150 mm
200 x 200 mm
400 x 400 mm

Evacuation assembly point



E113
150 x 150 mm
200 x 200 mm
400 x 400 mm

Ladder



E114
150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency window with escape ladder



E115
150 x 150 mm
200 x 200 mm
400 x 400 mm

Rescue window



E116
150 x 150 mm
200 x 200 mm
400 x 400 mm

Evacuation chair



E117
150 x 150 mm
200 x 200 mm
400 x 400 mm

Protection shelter



E118
150 x 150 mm
200 x 200 mm
400 x 400 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

• PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl • White, self-adhesive vinyl • PET-X PVC / Halogen-free

Standard sizes and materials are in stock and immediately available

• 150 x 150 mm • 200 x 200 mm • 400 x 400 mm • 300 x 150 mm • 400 x 200 mm

Escape route signs, standard iso 7010

89

Em. exit w. impairment left



E119
150 x 150 mm
200 x 200 mm
400 x 400 mm

Em. exit w. impairment right)



E120
150 x 150 mm
200 x 200 mm
400 x 400 mm

Evacuation temporary refuge



E121
150 x 150 mm
200 x 200 mm
400 x 400 mm

Em. Exit left



E122
80 x 200 mm

Doorhandle sign left



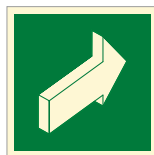
E123
80 x 200 mm

Doorhandle sign right



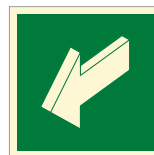
E124
80 x 200 mm

Pull



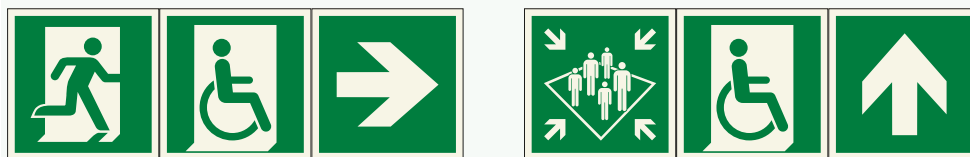
E125
150 x 150 mm
200 x 200 mm
400 x 400 mm

Push



E126
150 x 150 mm
200 x 200 mm
400 x 400 mm

Practical examples escape route for people with walking impairment



Assembly point forward/up



E127 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point down



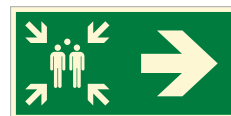
E128 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point left



E129 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point right



E130 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point downstairs left



E131 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point downstairs right



E132 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point upstairs left



E133 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly point upstairs right



E134 300 x 150 mm
400 x 200 mm
600 x 300 mm

Assembly station



E135 200 x 300 mm
300 x 400 mm

Assembly station left



E136 200 x 300 mm
300 x 400 mm

Assembly station right



E137 200 x 300 mm
300 x 400 mm

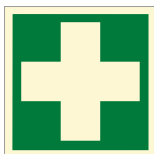


90

Rescue signs



First aid



E138
150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency telephone



E139
150 x 150 mm
200 x 200 mm
400 x 400 mm

Break to obtain access



E140
150 x 150 mm
200 x 200 mm
400 x 400 mm

Doctor



E141
150 x 150 mm
200 x 200 mm
400 x 400 mm

AED (heart defibrillator)



E142
150 x 150 mm
200 x 200 mm
400 x 400 mm

Eyewash station



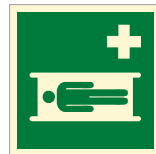
E143
150 x 150 mm
200 x 200 mm
400 x 400 mm

Safety shower



E144
150 x 150 mm
200 x 200 mm
400 x 400 mm

Stretcher



E145
150 x 150 mm
200 x 200 mm
400 x 400 mm

Open by turning
counterclockwise



E146
150 x 150 mm
200 x 200 mm
400 x 400 mm

Opens by turning clockwise



E147
150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency stop



E148
150 x 150 mm
200 x 200 mm
400 x 400 mm

AED hearth defibrillator



E149
150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency unlocking escape
door



E150
150 x 150 mm
200 x 200 mm
400 x 400 mm

Escape route, number- & letter signs

91

Number:0



EN00

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:1



EN01

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:2



EN02

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:3



EN03

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:4



EN04

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:5



EN05

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:6



EN06

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:7



EN07

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:8



EN08

150 x 150 mm
200 x 200 mm
400 x 400 mm

Number:9



EN09

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:A



EK01

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:B



EK02

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:C



EK03

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:D



EK04

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:E



EK05

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:F



EK06

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:G



EK07

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:H



EK08

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:I



EK09

150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:J



EK10

150 x 150 mm
200 x 200 mm
400 x 400 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

• PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl • White, self-adhesive vinyl • PET-X PVC / Halogen-free

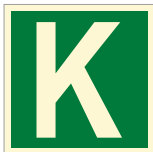
Standard sizes and materials are in stock and immediately available

• 150 x 150 mm • 200 x 200 mm • 400 x 400 mm



92 Escape route, number- & letter signs

Letter:K



EK11
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:L



EK12
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:M



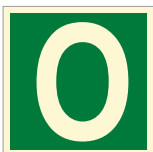
EK13
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:N



EK14
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:O



EK15
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:P



EK16
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:Q



EK17
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:R



EK18
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:S



EK19
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:T



EK20
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:U



EK21
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:V



EK22
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:W



EK23
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:X



EK24
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:Y



EK25
150 x 150 mm
200 x 200 mm
400 x 400 mm

Letter:Z



EK26
150 x 150 mm
200 x 200 mm
400 x 400 mm

Escape route, number- & letter signs

93

Number: 0



EN100

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 1



EN101

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 2



EN102

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 3



EN103

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 4



EN104

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 5



EN105

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 6



EN106

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 7



EN107

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 8



EN108

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 9



EN109

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: A



EK100

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: B



EK101

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: C



EK102

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: D



EK103

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: E



EK104

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: F



EK105

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: G



EK106

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: H



EK107

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: I



EK108

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: J



EK109

75 x 150 mm
100 x 200 mm
200 x 400 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

• PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl • White, self-adhesive vinyl • PET-X PVC / Halogen-free

Standard sizes and materials are in stock and immediately available

• 75 x 150 mm • 100 x 200 mm



94 Escape route, number- & letter signs

Letter: K



EK110

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: L



EK111

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: M



EK112

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: N



EK113

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: O



EK114

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: P



EK115

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: Q



EK116

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: R



EK117

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: S



EK118

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: T



EK119

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: U



EK120

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: V



EK121

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: W



EK122

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: X



EK123

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: Y



EK124

75 x 150 mm
100 x 200 mm
200 x 400 mm

Letter: Z



EK125

75 x 150 mm
100 x 200 mm
200 x 400 mm



Fire fighting signs



Fire fighting signs

97

Fire extinguisher



F001

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fire hose reel



F002

150 x 150 mm
200 x 200 mm
400 x 400 mm

Firefighting ladders



F003

150 x 150 mm
200 x 200 mm
400 x 400 mm

Collection of firefighting equipment



F004

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fire alarm call point



F005

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fire emergency telephone



F006

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fire station



F007

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fixed fire extinguisher battery



F008

150 x 150 mm
200 x 200 mm
400 x 400 mm

Wheeled fire extinguisher



F009

150 x 150 mm
200 x 200 mm
400 x 400 mm

Portable foam applicator unit



F010

150 x 150 mm
200 x 200 mm
400 x 400 mm

Water fog applicator



F011

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fixed fire extinguisher installation



F012

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fixed fire extinguisher bottle



F013

150 x 150 mm
200 x 200 mm
400 x 400 mm

Remote release station



F014

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fire monitor



F015

150 x 150 mm
200 x 200 mm
400 x 400 mm

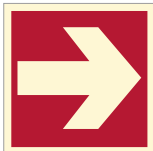
Fire blanket



F016

150 x 150 mm
200 x 200 mm
400 x 400 mm

Arrow 90°



F017

150 x 150 mm
200 x 200 mm
400 x 400 mm

Arrow 45°



F018

150 x 150 mm
200 x 200 mm
400 x 400 mm

Fire protection door



F019

150 x 150 mm
200 x 200 mm
400 x 400 mm

Hose box with nozzle



F020

150 x 150 mm
200 x 200 mm
400 x 400 mm

Alarm horn



F021

150 x 150 mm
200 x 200 mm
400 x 400 mm

Emergency stop



F022

150 x 150 mm
200 x 200 mm
400 x 400 mm

Unconnected fire hose



F023

150 x 150 mm
200 x 200 mm
400 x 400 mm



98 Fire fighting signs

Fire hose reel



F100 300 x 100 mm
400 x 150 mm

Fire hose reel
keep clear



F101 300 x 100 mm
400 x 150 mm

Fire extinguisher



F102 300 x 100 mm
400 x 150 mm

Fire extinguisher keep clear



F103 300 x 100 mm
400 x 150 mm

Fire alarm



F104 300 x 100 mm
400 x 150 mm

In case of fire break glass



F105 300 x 100 mm
400 x 150 mm

Fire blanket



F106 300 x 100 mm
400 x 150 mm

Fire point



F107 300 x 100 mm
400 x 150 mm

Firemans suite



F108 300 x 100 mm
400 x 150 mm

Fire fighting equipment stored
inside



F109 300 x 100 mm
400 x 150 mm

Emergency stop



F110 300 x 100 mm
400 x 150 mm

Fire phone



F111 300 x 100 mm
400 x 150 mm

Fire fighting signs

99

Number: 0



FN00

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 1



FN01

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 2



FN02

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 3



FN03

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 4



FN04

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 5



FN05

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 6



FN06

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 7



FN07

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 8



FN08

75 x 150 mm
100 x 200 mm
200 x 400 mm

Number: 9



FN09

75 x 150 mm
100 x 200 mm
200 x 400 mm

MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

• PVC • Lightweight aluminium • Aluminium composite • Reflective backing + material • Transparent vinyl • White, self-adhesive vinyl • PET-X PVC / Halogen-free

Standard sizes and materials are in stock and immediately available

• 75 x 150 mm • 100 x 200 mm

100 Afterglowing anti-slip floor markings

<p>Walk this road</p>  <p>FS11 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear a hard hat</p>  <p>FS12 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear safety shoes</p>  <p>FS13 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear protective gloves</p>  <p>FS14 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>
<p>Wear eye protection</p>  <p>FS15 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear face mask</p>  <p>FS16 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear shoe covers</p>  <p>FS17 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear hearing protection</p>  <p>FS18 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>
<p>Use earplugs</p>  <p>FS19 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear hair protection</p>  <p>FS20 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear protective clothing</p>  <p>FS21 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Forklift traffic</p>  <p>FS22 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>
<p>Risk of slipping</p>  <p>FS25 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Watch out for the head obstacle</p>  <p>FS26 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Risk of tripping</p>  <p>FS27 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Watch out for forklift traffic</p>  <p>FS28 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>
<p>Leaving the goods is prohibited</p>  <p>FS29 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>No smoking</p>  <p>FS30 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Forklift traffic prohibited</p>  <p>FS31 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Wear a seat belt</p>  <p>FS32 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>
<p>Fire extinguisher</p>  <p>FS33 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>	<p>Fire hose reel</p>  <p>FS34 200 x 200 mm 400 x 400 mm 600 x 600 mm</p>		


MATERIAL SPECIFICATIONS & AVAILABLE SIZES

All of the signs on the list are available in several different materials:

- Backlit self-adhesive vinyl

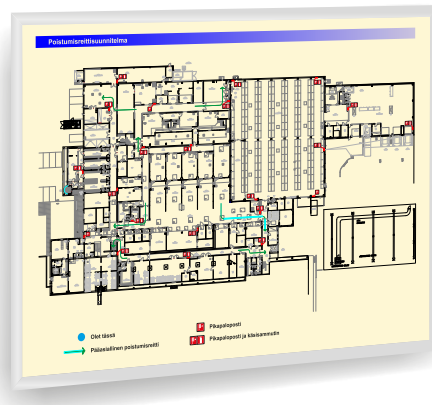
Standard sizes and materials are in stock and immediately available

- 200 x 200 mm • 400 x 400 mm • 600 x 600 mm

 Other symbols
are available!

Safety plan boards

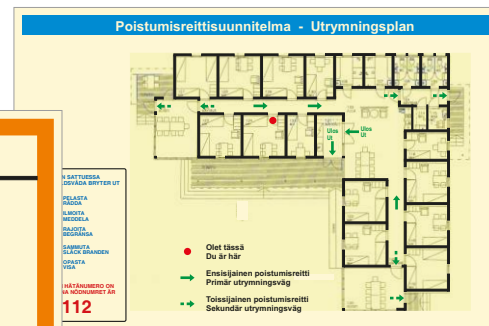
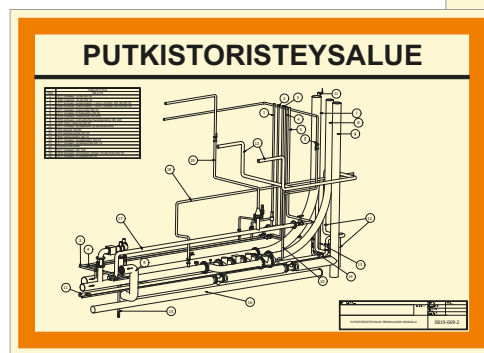
101



Evacuation and fire safety plans are an essential supplement in addition to safety signs. They show escape routes and fire equipment locations and the staff will know what to do in the event of an emergency.

The boards should be placed close to the main visits, corridors, stairwells and premises.

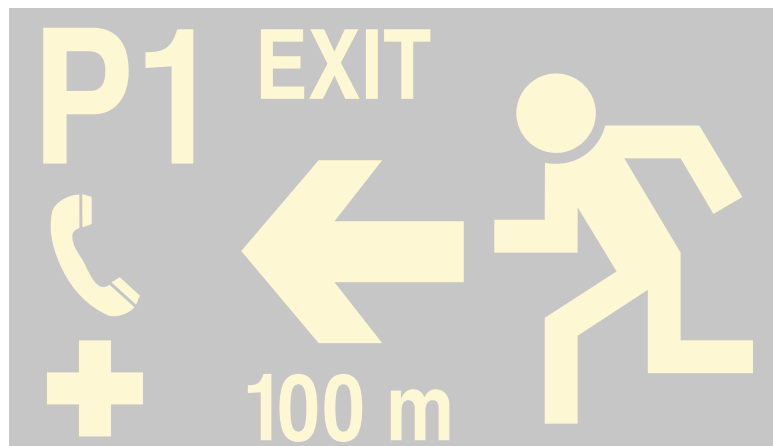
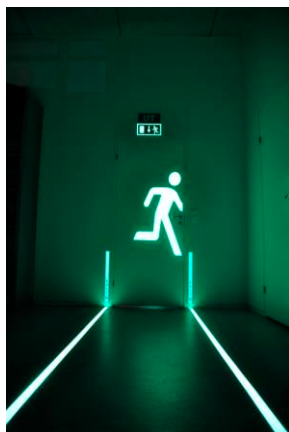
The largest size of the board (afterglow surface) is 990x660 mm and also available with a convenient wall-mounted frame, sizes A4, A3, A2, A1 and 500x700 mm.



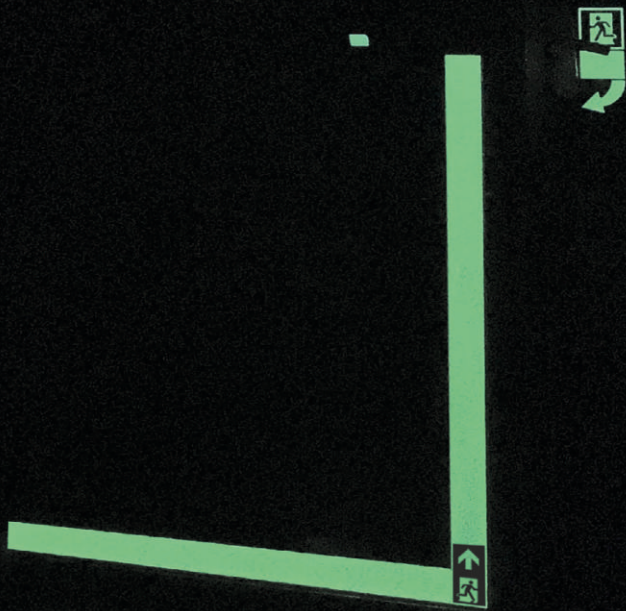
Important diagrams, drawings and information can be printed on the photoluminescent boards.

Large icons

Large icons are easy to see, for example, in parking garages and in tunnels in the event of a power failure. Sizes are customized according to customers' needs.



Low Location Lighting



Low Location Lighting System 103

When the light suddenly goes out or the room is heavily darkened, e.g. due to smoke development, photoluminescent materials offer the perfect solution. Routes to the exits, obstacles, emergency exits, stairs and safety equipment should be marked with the Low Location Lighting to ensure a safe escape in the case of an emergency. Our glowing tapes, strips and LED systems are often used to create an escape route guidance system according to the IMO, SOLAS and ISO regulations. Signwell also provides on a project basis the implementation of Low Location Lighting systems, measurements as well as certifications.



Innovations

In 2009 T-ISS started an innovative project with the objective to improve the quality and environmental footprint of photoluminescent signs and Low Location Lighting tapes and strips. Today most sign makers still use PVC in the production, despite the fact that PVC is the single most environmentally damaging of all plastics. PVC contains halogens and their toxicity of smoke is of highest concern within enclosed spaces, which you will find on-board on any ships or platforms.

PET-X instead of PVC

During our innovation project we managed to replace PVC with a safe material, a modified recyclable polymer called PET-X, which is free of halogens. Besides this new material the innovation went on, and we managed to innovate our printing process in such a way that the expected lifespan is up to 5 times longer than the market average. The last upside of PET-X is its visual appearance. SafeSign signs and Low Location Lighting strips have a high quality glossy finish, which makes it easy to clean. The use of these new materials and techniques helped us to achieve innovative products which are also more economical and better looking.

104 Rules And Regulations

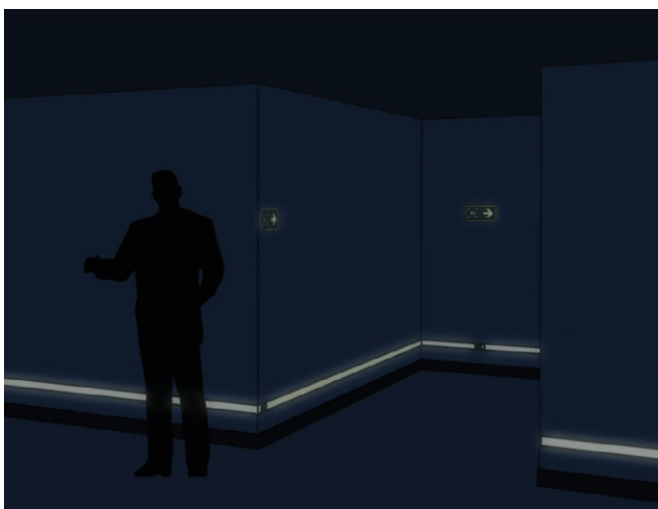
The below rules, regulations and standards describe the technical performance and properties of the products used, how to install these products/systems and how to certify and maintain these products/systems.

Standard	Description
IMO Resolution A.752 (18)	Guidelines for the evaluation, testing and application of LLL on passenger ships
SOLAS Convention 2004	Means of escape - Marking of escape routes
European Directive 2002/25/EC	Safety rules and standards for passenger ships
ISO 15370	Low Location Lighting (LLL) on passenger ships
ISO 16069	SWGS - Safety Way Guidance Systems
ISO 24409-2:2014	Ships and marine technology -- Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings
ISO 17398:2004	Safety colours and safety signs - Classification, performance & durability of safety signs

Requirements

Signwell is a specialist of Low Location Lighting systems on Cruise Liners & Ferries. IMO & Solas regulations require that ships carrying more than 36 passengers shall be fitted with a Low Location Lighting system. Resolution A.752(18) & ISO15370 details system requirements and testing procedures:

- The installed material must be Class/Wheelmark approved
- All escape routes, including stairs, must be marked by Low Location Lighting
- Where stairs or corridors are more than 2m wide, Low Location Lighting should be mounted on both sides
- 'Exit' signs should be provided at each exit, located on the same side as the door handle
- Fire and watertight doors should be marked to show how the door opens
- LLL lightning must be placed maximum 30cm above the deck at all points of the escape route
- Systems must have their luminescence tested at least once every 5 years



Low Location Lighting System 105

Luminance properties

The rules, regulations and standards classify the luminescence of the signage and Low Location Light systems as per below table shows, the SafeSign products shall meet or exceed the required luminance.

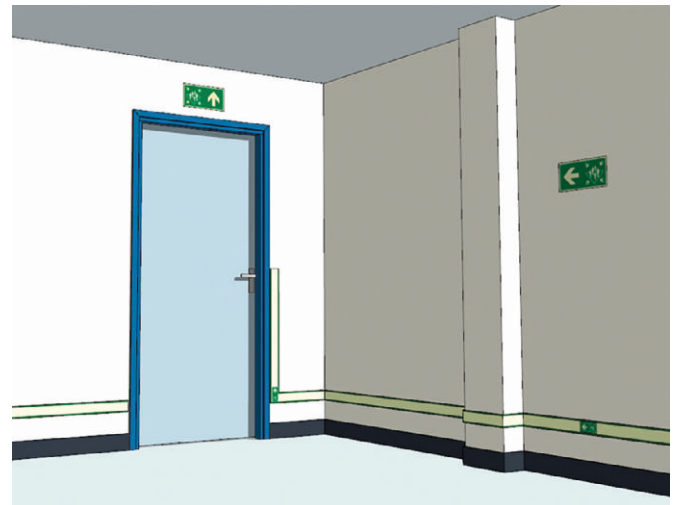
Applicable Standards and Resolutions vs. SafeSigns	Luminescent intensity (mcd/m^2) (After removing the existing light)	
	10 minutes	60 minutes
IMO Res. A. 752(18)	15 mcd/m^2	2 mcd/m^2
ISO 15370	15 mcd/m^2	2 mcd/m^2
DIN 67 510-4	23 mcd/m^2	3 mcd/m^2
ISO 17398 Class A	25 mcd/m^2	3 mcd/m^2
ISO 17398 Class B	50 mcd/m^2	7 mcd/m^2
ISO 17398 Class C	140 mcd/m^2	20 mcd/m^2
ISO 17398 Class D	260 mcd/m^2	35 mcd/m^2
ISO 17398 Class E	400 mcd/m^2	55 mcd/m^2
ISO 17398 Class F	520 mcd/m^2	70 mcd/m^2
SafeSign XL	Class B+	Class B+
SafeSign XXL	Class C+	Class C+
SafeSign XXXL	Class E+	Class E+

The mentioned value's according to IMO Res. A. 752(18) in above table are applicable when the height of the photoluminescent LLL is 75 mm. For all other heights, the values need to be recalculated as specified in ISO15370:2010 Annex D. Below table show the minimum requirement for different heights.

Height of LLL system in mm	Luminescent intensity (mcd/m^2) (After removing the existing light)	
	10 minutes	60 minutes
75 mm	15,0 mcd/m^2	2,0 mcd/m^2
65 mm	23,4 mcd/m^2	3,1 mcd/m^2
50 mm	33,8 mcd/m^2	4,5 mcd/m^2
40 mm	52,7 mcd/m^2	7,0 mcd/m^2
30 mm	93,7 mcd/m^2	12,5 mcd/m^2
25 mm	135,0 mcd/m^2	18,0 mcd/m^2

Innovative New Material: PET-X

Signwell offers as the only manufacturer in the market SafeSign PET-X LLL photoluminescent strips.

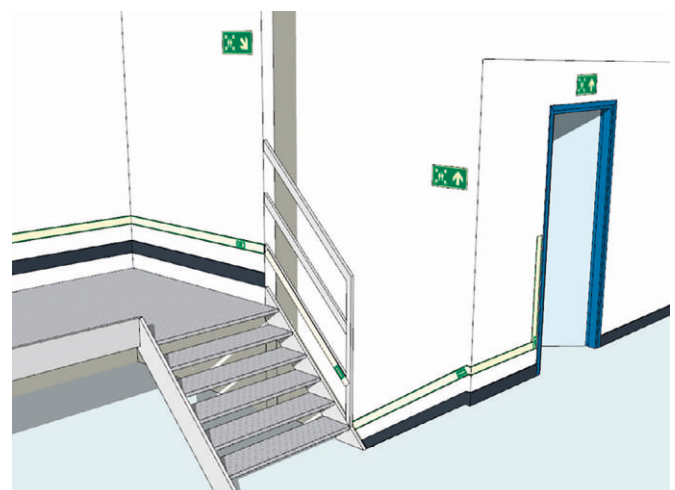


This innovative product offers the following benefits:

- Glossy finish
- PVC Free
- Halogen Free
- Easy to wipe clean
- UV resistant
- Recyclable
- No end caps needed
- 10 year warranty
- >10 years life durability
- No shrinking
- 50% timesaving on installation
- Self-adhesive backing
- Salt Water resistant

Benefits compared to aluminium profile systems:

- No lost or loose end caps
- No gaps due to shrinking
- No more dirt collections on profile
- No mechanical damages
- No more dirt on insert which cannot be removed



106 LightLine PET-X Strips



The LightLine LLL System is the easiest and most cost effective Low Location Lighting system to install, requiring only the application of the LLL strips where needed. Cutting off the required lengths can be done easily with a knife. The system is finalised by positioning the LLL signs / stickers at the right places. When you choose to install our LightLine system, you can save up to 200% of valuable time.

LightLine Pet-X photoluminescent strips are Non PVC/Halogen-free plastic strips with backlighting material and a strong self-adhesive foam tape on the back. The material has a 'glossy' finish which is easy to clean and gives it a high quality appearance. The LightLine strips are available with or without a 5mm safety green edge at the top and the bottom of the strip.



LightLine strips have a standard length of 99 cm, 50 mm height and are produced with the high luminescence class XXL. All strips have a self-adhesive backing for easy fix during new builds or refurbishment projects. LightLine strips are besides Non PVC/halogen-free, flame retardant and therefore exceeds all current requirements. Upon request we can manufacture LightLine strips in other widths and/or with other coloured marking stripes.

Approvals

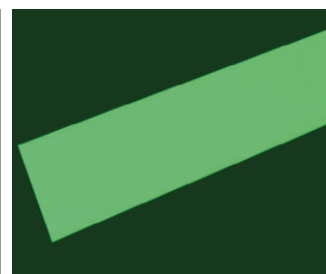
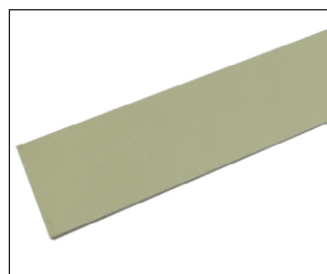
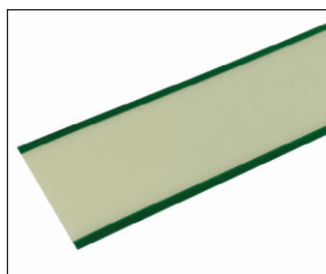
- DNV MED
- Wheelmark
- Korean Register

Standards

- Complies with IMO Resolution A. 752 (18) and ISO standard 15370



Note; The width of the photoluminescent material in the strips with the green edges is shown in parentheses, the width of the green edges is 2 x 5 mm.



Article number	Description	Dimensions	Quality	Thickness
SX060CG	LightLine Strip Pet-X green edges	1000 mm x 60 mm (50 mm)	XXL	1,5 mm
SX070CG	LightLine Strip Pet-X green edges	1000 mm x 70 mm (60 mm)	XXL	1,5 mm
SX100CG	LightLine Strip Pet-X green edges	1000 mm x 100 mm (90 mm)	XXL	1,5 mm
SX040CN	LightLine Strip Pet-X neutral	1000 mm x 40 mm	XXL	1,5 mm
SX050CN	LightLine Strip Pet-X neutral	1000 mm x 50 mm	XXL	1,5 mm
SX070CN	LightLine Strip Pet-X neutral	1000 mm x 70 mm	XXL	1,5 mm

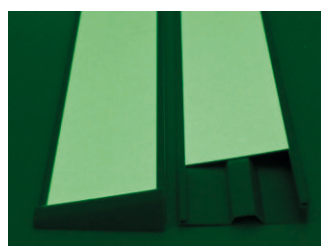
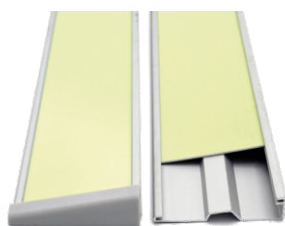
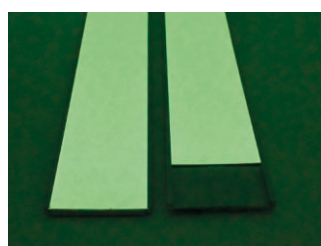
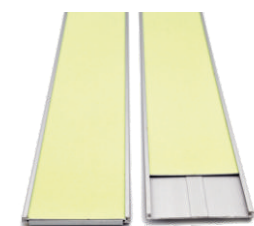
Aluminium profiles & inserts

107



Our LightLine LLL Profile System is a system consisting of an extruded aluminium profile and rigid photoluminescent strips. We have two different types of profiles at our range; an angled or a flat profile containing a 55,4 mm wide visible backlighting strip. The performance of the rigid panels is certified by DNV.

The flat profile is made of anodized aluminium and contains a central channel in which a strip of photoluminescent material is inserted. End caps are available to protect the ends of the profile. The angled profile is slightly angled away from the vertical to allow the photoluminescent strip to catch more light.



Approvals

- DNV
- Wheelmark

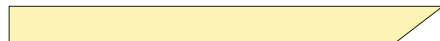
Standards

- Complies with IMO Resolution A. 752 (18) and ISO standard 15370

Article number	Description	Dimensions	Quality
IPA055CN	LightLine Insert PVC for angled profile	1000 mm x 55,4 mm	XXL
PAA60-100	Insertprofile ALU angled (insert 55,4 mm)	1 m x 60 mm	Alu. anodised
PAA60-300	Insertprofile ALU angled (insert 55,4 mm)	3 m x 60 mm	Alu. anodised
ENDCAP-AL	LLL endcap angled profile left	15 mm x 60 mm	Plastic
ENDCAP-AR	LLL endcap angled profile right	15 mm x 60 mm	Plastic
IPF056CN	LightLine Insert PVC for flat profile	1000 mm x 56 mm	XXL
PAF60-100	Insertprofile ALU flat (insert 56 mm)	1 m x 60 mm	Alu. anodised
PAF60-300	Insertprofile ALU flat (insert 56 mm)	3 m x 60 mm	Alu. anodised
ENDCAP-F	LLL endcap flat profile	4 mm x 53 mm	Alu. anodised

108 Light Line Afterglow Tapes

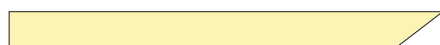
LightLine Tape PET



Other widths available on request

Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTP040CN	LightLine Tape PET neutral	40 mm x 10 m	XXL	-	-
LLTP050CN	LightLine Tape PET neutral	50 mm x 10 m	XXL	-	-
LLTP080CN	LightLine Tape PET neutral	80 mm x 10 m	XXL	-	-

LightLine tape PVC



Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CN	LightLine Tape PVC neutral	40mm x 10mtr	XXL	332014	4752014
LLTV050CN	LightLine Tape PVC neutral	50mm x 10mtr	XXL	-	-
LLTV080CN	LightLine Tape PVC neutral	80mm x 10mtr	XXL	332018	-
LLTV040BN	LightLine Tape PVC neutral	40mm x 10mtr	XL	332014	4752014
LLTV050BN	LightLine Tape PVC neutral	50mm x 10mtr	XL	-	-
LLTV080BN	LightLine Tape PVC neutral	80mm x 10mtr	XL	332018	-



According ISO 15370;
Only dead-end corridors

Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CA	LightLine Tape PVC arrow	40mm x 10mtr	XXL	-	-
LLTV080CA	LightLine Tape PVC arrow	80mm x 10mtr	XXL	-	-
LLTV040BA	LightLine Tape PVC arrow	40mm x 10mtr	XL	-	-
LLTV080BA	LightLine Tape PVC arrow	80mm x 10mtr	XL	-	-



According ISO15370; Please note; this tape is delivered with 3x ES1032, 3x ES1033, 3x ES1004, 3x ES1005 stickers. Other symbols upon request.

Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CE	LightLine Tape PVC escape direction	40mm x 10mtr	XXL	332024	4752024
LLTV050CE	LightLine Tape PVC escape direction	50mm x 10mtr	XXL	-	-
LLTV080CE	LightLine Tape PVC escape direction	80mm x 10mtr	XXL	332028	-
LLTV040BE	LightLine Tape PVC escape direction	40mm x 10mtr	XL	332024	4752024
LLTV050BE	LightLine Tape PVC escape direction	50mm x 10mtr	XL	-	-
LLTV080BE	LightLine Tape PVC escape direction	80mm x 10mtr	XL	332028	-



Low Location Light Mini Symbols 109

According to ISO 15370 and SOLAS, Low Location Lighting systems shall be provided with symbols for escape routes and fire-fighting equipment, in addition to the signs present at the eye level. The mini symbols can be self-adhesive translucent stickers for installation on the photoluminescent LLL strip. According to ISO 15370 the symbol has a minimum height of 50 mm. PET-X mini symbols are available for use at smaller LLL strips or electrical LED LLL.





Symbol	Description	Dimensions	Article number
	Emergency exit (left hand)	50 x 50 mm	ES0001
	Emergency exit (left hand)	50 x 50 mm	ES0002
	Emergency exit (left hand)	50 x 50 mm	ES0004
	Escape direction, arrow (90°)	50 x 50 mm	ES0006
	Escape direction, arrow (45°)	50 x 50 mm	ES0007
	Escape route to the left	100 x 50 mm	ES1004
	Escape route to the right	100 x 50 mm	ES1005
	Escape route downstairs left	100 x 50 mm	ES1006
	Escape downstairs right	100 x 50 mm	ES1007
	Escape upstairs left	100 x 50 mm	ES1008
	Escape upstairs right	100 x 50 mm	ES1009



110











Low Location Light Mini Symbols

Low Location Light Mini Symbols

Symbol	Description	Dimensions	Article number
	Assembly station left	100 x 50 mm	ES1032
	Assembly station right	100 x 50 mm	ES1033
	Assembly station downstairs left	100 x 50 mm	ES1034
	Assembly station downstairs right	100 x 50 mm	ES1035
	Assembly station upstairs left	100 x 50 mm	ES1036
	Assembly station upstairs right	100 x 50 mm	ES1037
	Assembly station forward/up	100 x 50 mm	ES1038
	Escape route forward left vertical	50 x 100 mm	ES1101
	Escape route forward right vertical	50 x 100 mm	ES1102
	Escape route left vertical	50 x 100 mm	ES1103
	Escape route right vertical	50 x 100 mm	ES1104
	Assembly station forward vertical	50 x 100 mm	ES1105
	Assembly station left vertical	50 x 100 mm	ES1106

Low Location Light Mini Symbols

111

Symbol	Description	Dimensions	Article number
	Assembly station right vertical	50 x 100 mm	ES1107
	LLL Stairs up to left	50 x 50 mm	ES1120
	LLL Stairs up to right	50 x 50 mm	ES1121
	Escape route forward left vertical	50 x 200 mm	ES2501
	Escape route forward right vertical	50 x 200 mm	ES2502
	Assembly station forward vertical	50 x 200 mm	ES2503
	Fire extinguisher	50 x 50 mm	FS0001
	Fire alarm call point	50 x 50 mm	FS0002
	Fire hose reel	50 x 50 mm	FS0003
	Unconnected fire hose	50 x 50 mm	FS0004

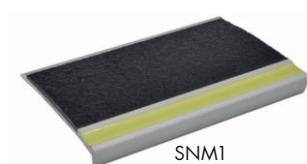
ALL LLL MINI SYMBOLS ARE ALSO AVAILABLE AS PET-X PL FOR USE IN COMBINATION WITH LED LLL OR WHEN FIRE FIGHTING EQUIPMENT IS LOCATED AT THE OPPOSITE SIDE OF A CORRIDOR.

112 Additional and other LLL products

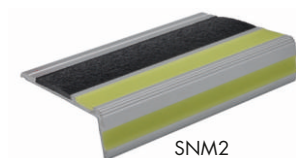
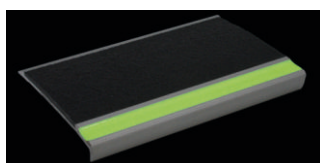
Stair Markings

Sanctuary steps (which mainly illuminate the steps of the stairs), side edge markers or floor points are mainly used to mark the escape routes. As with the steps of ordinary stairs, photoluminescent stairs also have a non-slip coating that reduces the risk of slipping and falling. The strips clearly indicate steps at night as well as during a power outage.

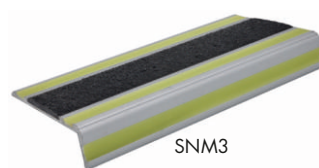
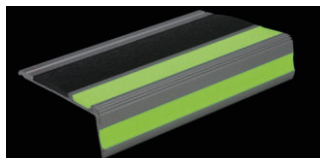
Luminescence intensity (mcd / m ²)	10 min	60 min
Class XXL	700 mcd/m ²	100 mcd/m ²



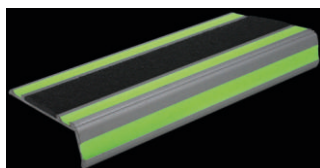
SNM1



SNM2



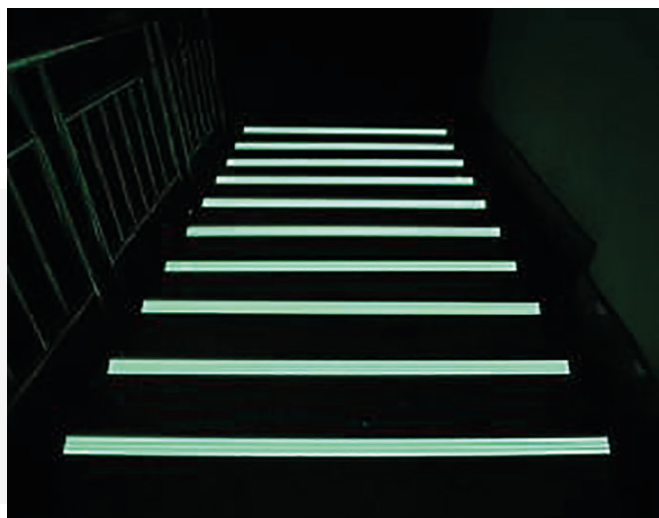
SNM3



Including double sided tape and 90 degree angle

Art. no.	Description	Dimensions
SEM50A	Stair edge marker	50 x 240 mm

Art. no.	Description	Dimensions
SNM1-100	Stair nose marker	1,0 m x 75 mm
SNM1-120	Stair nose marker	1,2 m x 75 mm
SNM1-100	Stair nose marker	1,0 m x 75 mm
SN2-120	Stair nose marker	1,2 m x 75 mm
SNM3-100	Stair nose marker	1,0 m x 75 mm
SNM3-120	Stair nose marker	1,2 m x 75 mm



Photoluminescent Rope

The photoluminescent rope is made of photoluminescent pigment and high quality resin. After light absorption, the photoluminescent rope glows for about 8-12 hours in the dark.



Art. nro.	Description	Measurements
PHROPE100	Photoluminisent rope	16 mm x 100 m
PHROPECL	Photoluminisent rope	Own measurements

Additional And Other LLL Products

113

TRIALDOTS

Photoluminescent aluminium trail dots for marking routes with or without arrows. In diameter 90 mm or 200 mm. All traildots have a self-adhesive backing. Also available: a special mounting bracket designed for anti-slip trail dots to fix on metal staircases. Please contact us for more information on these mounting brackets.



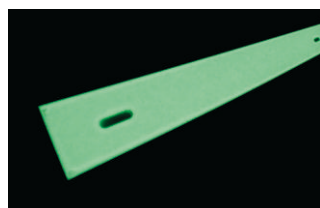
Article number	Description	Dimension
DOT090N-A	LLL Traildot antislip neutral	Ø 90 mm
DOT200N-A	LLL Traildot antislip neutral	Ø 200 mm
DOT090A-A	LLL Traildot antislip arrow	Ø 90 mm
DOT200A-A	LLL Traildot antislip arrow	Ø 200 mm
DOT090N-S	LLL Traildot smooth neutral	Ø 90 mm

LLL SLOT STRIP

Our LLL Slot Strips are specially designed with pre-drilled holes which allows you to install them on the roughest services.

Technical data

Width: 1000 mm x 50 mm
 Material: Aluminium
 Quality: XXL



Art. number	Description	Dimension
ALUSLOT4	LLL Slot Strip	1000 mm x 50 mm

114 LED Low Location Lighting System



Electrical Low Location Lighting systems can be installed both floor-mounted or wall-mounted. Electrical Low Location Lighting systems are considered 'active' systems, compared to 'passive' LLL systems made of photoluminescent material.

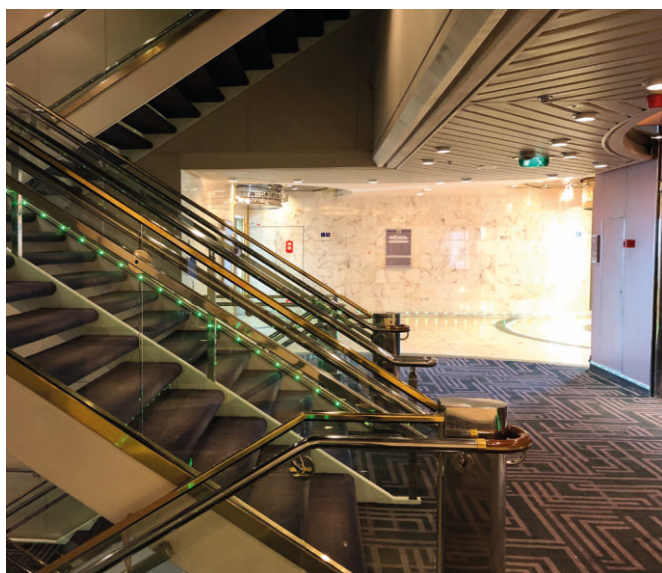
Certification and approvals

Low Location Lighting systems comply with the environmental conditions and test procedures as defined in the requirements of the current editions of:

- IEC Pub. 598-2-22
- Regulation for the Performance of Type Tests for Electric Appliances Components
- Type Approval of Instrumentation and Automation Equipment, DNV.
- Type Approval System, Lloyds Register (LR)

Technical data LED-strip

- Standard LED-distance: 200 mm
- "High brightness" LEDs in colour "true green" (540 mcd. minimum)
- IP Grade: IP 67
- Operating temp.: - 15° C to + 55° C
- Life time: > 150.000 hours
- Due to high flexibility, the LED-strip can follow even 90° corners or tight curves without any electrical interruption



LED Low Location Lighting System

115

POWER BOX UNIT (PSU)

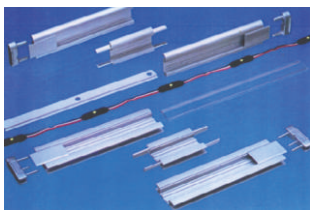
The Power Box Unit (PSU) feeds the system with power (each LED-strip is fed from both sides and two different PSUs for safety reasons). System activation can be done from the bridge either by an input signal (from SMS- or emergency shutdown-system) on board or manually from the bridge by switching the system simply ON/OFF.

- Nominal Voltage: 115-230 V AC/DC
- Average Power Consumption: 77 VA (under fully load)
- Output Voltage: 22 V DC
- Output Power: 100 W
- Capable to feed up to 1.000 m LED-strip
- IP Grade: IP 55
- Batteries: 3 Sealed Lead Acid (7.26 kg)
- Housing: Metal, in colour RAL 7035 (grey)
- Battery charging is also under system activation mode!
- Dimension: a) incl.Batt.: 445 x 340 x 127 mm
b) excl.Batt.: 280 x 340 x 127 mm
- Weight: a) incl. Batt.: ~ 16.85 kg
b) excl. Batt.: ~ 9.60 kg
- NO extra housing for batteries required (!)
- Cable Glands: 9 x grommets in different sizes
- Terminal configuration plan inside



AVAILABLE PROFILE TYPES

We offer a wide range of profiles to integrate the LED-strip in – from profiles for wall mounting, floor mounting (low and high carpet profiles), via metal skirting boards till system integration into existing wooden wall panels or skirting boards on board



Aluminium Profile

- Standard Colour: "Anodised Silver"
- Further colours on request either acc. to RAL or in powder coated quality
- Protection Covers



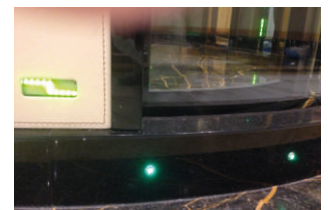
Polycarbonate Profile

- Available in all RAL colours (standard Colour is "RAL 7026")
- Non toxic, halogen free, fire retardant
- Protection covers/caps in same quality



Skirting Board Profile

- Original RIVINOX-/BEZAULT-/SCHWEPPERS skirting Board Profiles
- Available in colours "gold" and "silver"
- Other Skirting Profiles available on request



Into the walls (w/o profile)

- Clipped-in from behind into the wall panels
- Installed into pre-manufactured wooden skirting board profiles (premanufactured cut outs) but w/o profile

116 Installation, Measurements And Certification

Signwell is accredited by DNV to execute Low Location Lighting measurement services, the proof of certification can be found on our website. As a vessel owner, you need to test all Low Location Lighting systems at least once every five years. Signwell engineers will test the luminance of your LLL systems on-board with fully certified testing equipment. The photoluminescence measurement process as well as the equipment are all certified by the DNV.

Examples of our low location lighting measuring services:

- Photoluminescent Low Location Lighting measurements and tests (DNV certified)
- Electric Low Location Lighting measurements and tests (DNV certified)
- Low Location Lighting refurbishment or replacement

Why are low location lighting measurements necessary?

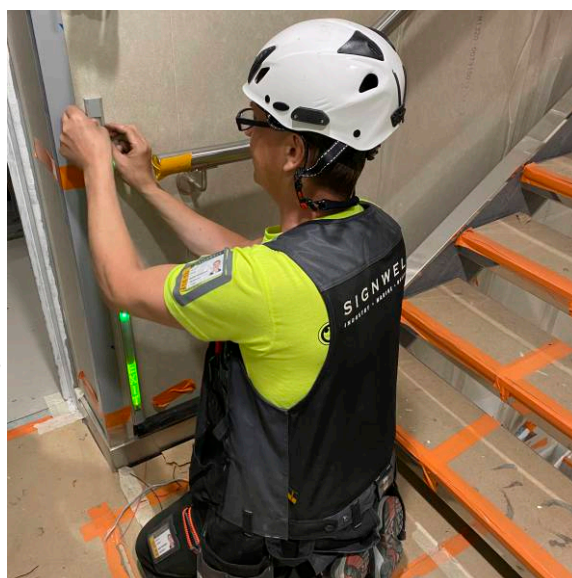
According to several regulations, vessels that carry passengers are obligated to have a Low Location Lighting system installed. This could be a photo luminescent system as well as an electric system. A photo luminescent system is charged by the lighting on the vessel and will use the energy it collects to light up in the dark. The big advantage of this system is that there are no electric installations required.



After the measurements, the engineer that executed the measurement will report all readings in a clear overview. This includes all the upgrades and / or modifications that are needed. The report will also state when and what needs to be done so that your vessel meets the required regulations.

TurnKey Solutions

We also offer service for engineering. Class Society has approved the installation of the complete Safety Sign System including Escape Signs, Low Location Lighting Systems and Safety Instructions by our highly skilled and experienced engineers.





RS 0004

 **SAFE SIGN XL**
ISO 16069 75 / 10 / 1250

Electrical emergency escape signs



Electrical Escape Signs 119

We offer a carefully selected selection of electronic exit signs to be installed following the protocol of the exit route signs. Electronic exit signs are designed to show the staff and guests where to go in the event of a fire or other emergency. Electrical escape signs are an effective exit route guidance system that complies with the LLL lighting, exit signs, eye level signs, signs for access to the general area (s), and instructions and signs for staff and passengers.

Why choose LED escape signs?

Visibility, brightness and long service life are key factors when purchasing illuminated escape signs. Light emitting diodes or LED exhaust signs have been shown to reduce electricity consumption by up to 85%. LED exhaust signs can save money and electricity while radiating the estimated value. Because LED lights do not have a conductor that can burn out, they have a much longer lifespan, making them more cost-effective. The LED escape sign is very bright and visible and can even be seen through the smoke.



A lot can happen in an emergency, including a wired power outage. Needless to say, finding a way to safety (e.g. to a boarding station) in these situations is critical, which is why we offer some of our LED exit signs with battery verification. In the event of a power outage, the sign will automatically turn on power from the installed batteries to provide uninterrupted lighting.



120 SafeSign LED Escape sign



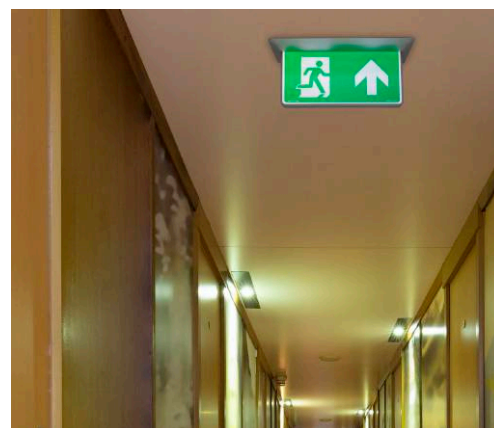
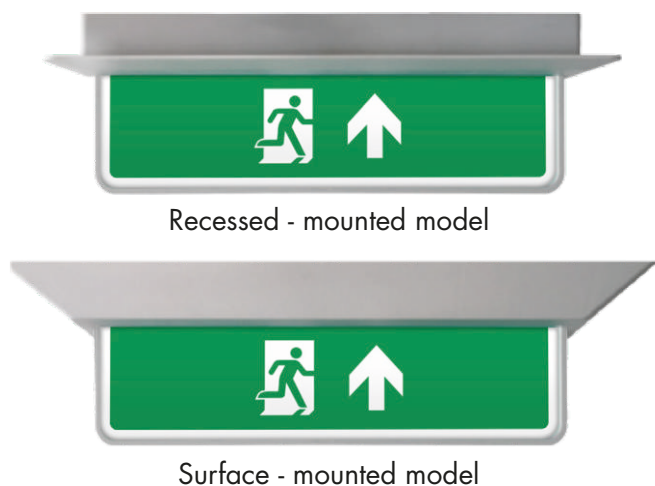
Electric and photoluminescent in one sign: The best of both worlds

The goal of launching the SafeSign LED Escape Sign product line has been to combine timeless luminaire design and cutting-edge innovation in the field of exit signs. LED exit signs are available in different sizes and models for flush or surface mounting. Thanks to our many years of experience with photoluminescent materials, the SafeSign LED Escape Sign is now also available as a photoluminescent version that works without batteries. The new version will take effect as soon as the power is turned off.

Compliance with requirements and regulations as well as the safety of employees / guests are a priority. Next comes the appearance of the product. Our LED exit signs offer an energy-efficient solution, a sleek look and a high level of safety. For customers the safety and cost efficiency are paramount. SafeSign LED Escape signs offer a great solution for reducing annual energy costs and limiting the environmental impact.

The result of many years of experience operating in different markets has brought upon this innovation. This product has been developed as a hybrid escape sign that is unique in the market. The main power source comes from electricity, but when the power is lost as a result of an accident, the photoluminescent properties of the sign conquer, providing users with a very clear exit sign. In this way, even without a power supply, the sign is clearly visible thanks to the photoluminescent feature inside the LED Escape sign.

The technology in which we have succeeded in giving (electronically) operated light more luminosity thanks to its photoluminescent property is unique in the market and makes it the emergency exit sign of the future. The photoluminescent version of this light signal is only available as a single-sided version



The SafeSign LED Escape Signs are IP44 protected, CE approved and are available in two formats, recessed and surface mounted, offering 'fit and forget' LED technology providing a long lifespan of at least 40.000 hours.

Note: Signs with photoluminescent properties are not standard. They are available as an option.

Available Safety sign layouts and types 121

All desired layouts can be delivered. Below you find some proposals according to ISO-7010 and ISO-24409.



Any other layout is available upon request. Please see the T-ISS catalog for all ordering options and layouts.

Model	Quality	Type	Weight (gr)	Size (mm)	Item code
LX150R recessed installation Insert height 150 mm 	LED	single sided	1700	430 x 125 x 194	LX150RLS
	LED	double sided	1600	430 x 125 x 194	LX150RLD
	LED+photoluminescent	single sided	1700	430 x 125 x 194	LX150RPS
LX150S surface installation Insert height 150 mm 	LED	single sided	1900	430 x 125 x 194	LX150SLS
	LED	double sided	1800	430 x 125 x 194	LX150SLD
	LED+photoluminescent	single sided	1900	430 x 125 x 194	LX150SPS



Technical specifications

Input voltage	AC 90~240V / 50~60HZ
Power	4W
Lifespan	+ 40.000hrs
Viewing distance	> 24M
Class	CE approved
Protection	IP44
Material	Flame retardant ABS plastic
Extra	Exchangeable signs upon request
Frame color	RAL 9022
Optional	Other frame colours available upon request for larger orders

122 Explosion Proof LED Large Escape Sign



General description

The Large Explosion Proof LED Escape Sign is designed to operate in hostile environments. Constructed from corrosion resistant materials, this LED escape sign can be used in indoor and outdoor areas that are subject to water spray or moisture. This Escape Sign fixture was designed to function in areas where flammable gases or vapours and/or combustible dust exist. In these types of environments, a normal fixture could accidentally ignite an explosive reaction. As a result, the DAESUVE GH01 is the ideal Escape Sign in engine rooms of LNG-powered vessels.

Technical data

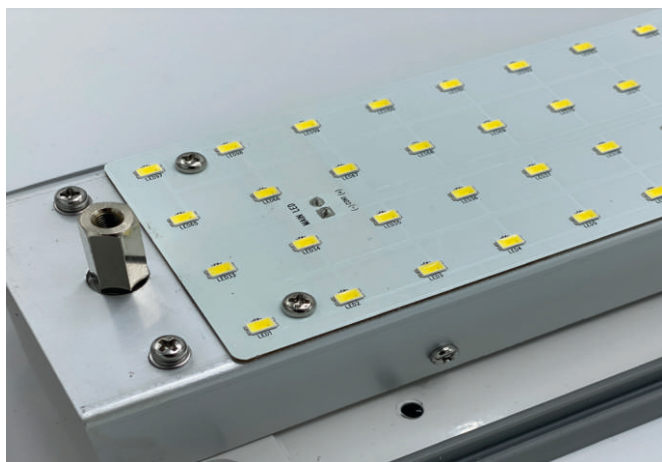
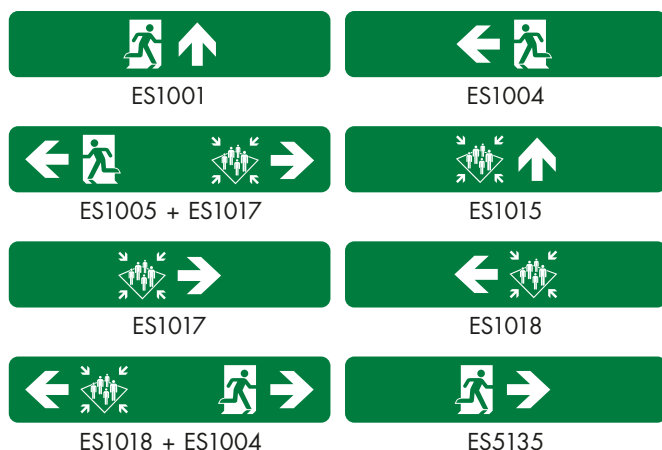
Capacity: 25 W

Material:

- Body: Glassfiber Reinforced Polyester
- Globe: Clear polycarbonate
- Protection degree: IP66 / IP67



Examples of safety sign layouts



Approvals

- Wheelmark

How to order:

When ordering this LED escape sign, please use the following notation for the fixture type in conjunction with your desired safety sign: <article number> + <Sign number>. For example: **LXP200S + ES5135**.

Standard

- EU-type examination certificate by KR Hellas

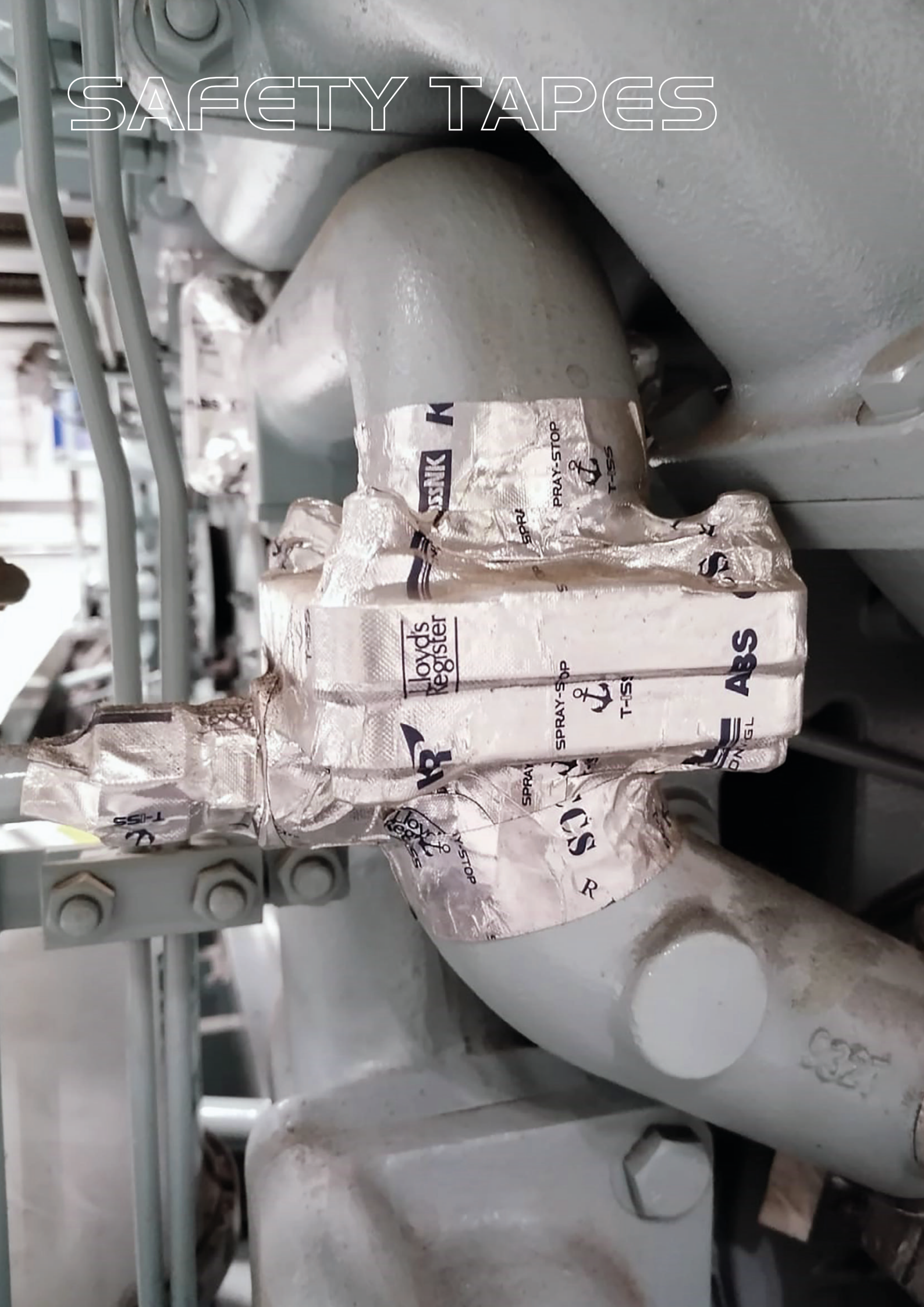
Art. nr.	Description	Dimensions	Weight
LXP200S	EX Proof LED Large Escape Sign	745 x 213 x 147 mm	6,5 kg



EXIT



SAFETY TAPES



As one of the world's leading manufacturers and suppliers of maritime safety tapes, also called SOLAS tapes, we can offer you a wide variety of high quality tapes that are used globally to prevent incidents, to protect equipment & personnel and to mark or stick to objects. For you as a ship supplier, shipowner or lifesaving product manufacturer, we offer you the highest quality tapes required and approved by the Maritime and Offshore industry. You can be sure to find the right size, quality and design of the Retro-Reflective tapes, Pipe marking tapes, Spray Stop tapes and many other types of tapes. If you are unsure which of our tape to use for your particular situation, then please refer to our Maritime Tapes Buyer's Guide. In this document we explain and compare each tape to make sure you are using the right tape in each situation. You can read or download this Buyer's Guide on our website www.signwell.fi under "Catalogues".



Buyer's guide



126 Barrier Tape

General description

Barrier tape can be used for depositing and for marking prohibited or dangerous places. The red/white or black/yellow barrier tape is popular because of its striking hazard colours.

Technical data

Material: Flexible PVC barrier tape
Length: 500 m
Weight: 950 gr
Adhesion: Non-adhesive
Thickness: 0,03 mm



Benefits & Features

Barrier tape comes in a convenient dispenser box which allows you to obtain the tape length you need, rip off that part, and store the dispenser box in a suitable place. Ideal for tying to fencing, cones & other fixed points.

Art.No.	Product	Size	Color
BT080RW	Barrier tape	80 mm x 500 m	Red/White
BT080YB	Barrier tape	80 mm x 500 m	Yellow/Black
BT080YR	Barrier tape	80 mm x 500 m	Yellow/Red

Safety Marking Reflective Tapes 127

General description

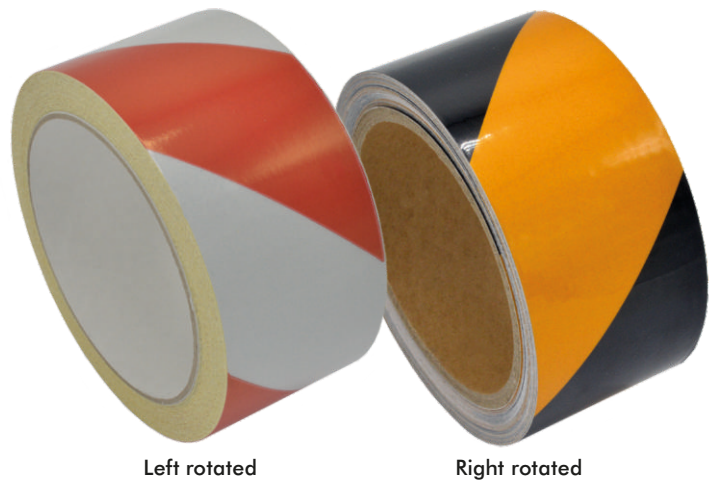
Reflective Safety Marking Tape is an engineering grade reflective tape, used to provide safety and protection. It is used to highlight hazards and it is over 200 times more reflective than white paint for example. The tape is suitable for highlighting hazards and dangerous areas. It gives 24/7 protection in and on your vessel.

Technical data

Material: PVC
 Adhesive side: Single sided
 Purpose: Warning and marking

Benefits & Features

- High visibility
- Providing optimal safety to prevent hazardous situations and accidents



Article number	Description	Color	Dimensions	Weight	IMPA
SMTR050R-R	Safety Marking Tape Reflective right	Red/white	50 mm x 10 m	0,3 kg	-
SMTR050R-L	Safety Marking Tape Reflective left	Red/white	50 mm x 10 m	0,3 kg	-
SMTR100R-R	Safety Marking Tape Reflective right	Red/white	100 mm x 10 m	0,6 kg	-
SMTR100R-L	Safety Marking Tape Reflective left	Red/white	100 mm x 10 m	0,6 kg	-
SMTR050B-R	Safety Marking Tape Reflective right	Yellow/black	50 mm x 10 m	0,3 kg	331191
SMTR050B-L	Safety Marking Tape Reflective left	Yellow/black	50 mm x 10 m	0,3 kg	-
SMTR100B-R	Safety Marking Tape Reflective right	Yellow/black	100 mm x 10 m	0,6 kg	331192
SMTR100B-L	Safety Marking Tape Reflective left	Yellow/black	100 mm x 10 m	0,6 kg	-

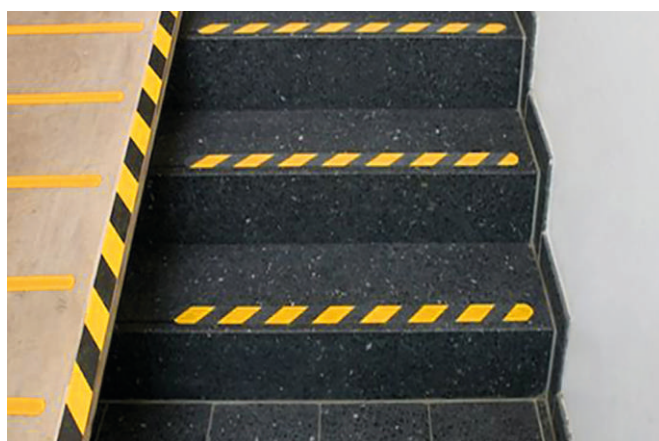
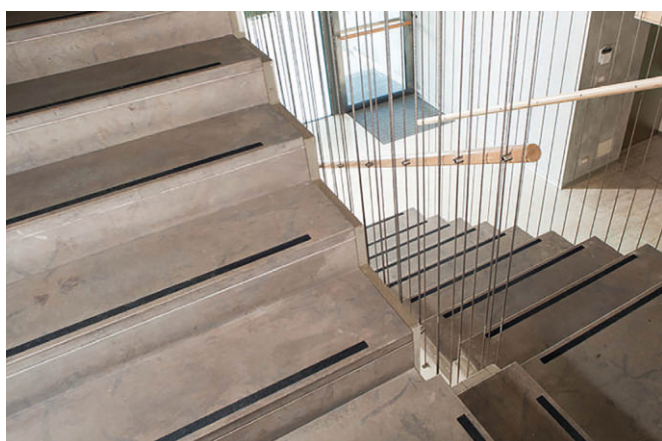
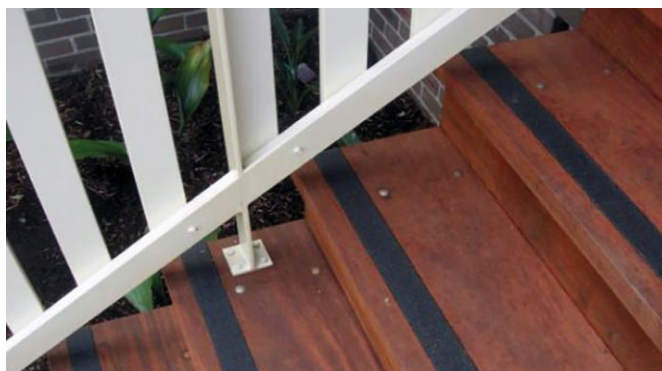
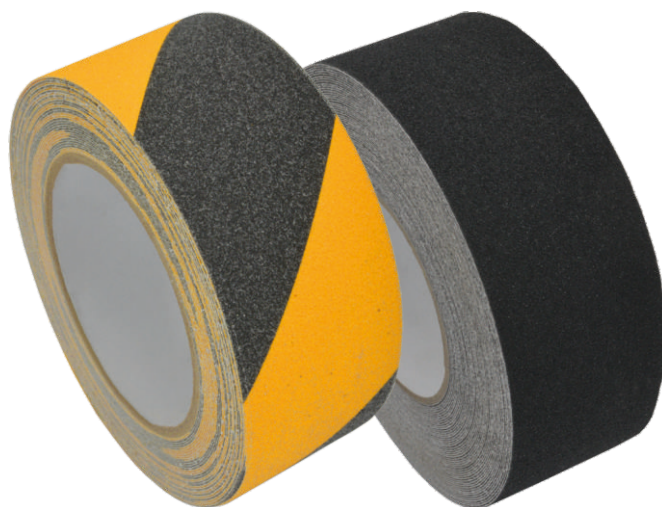
128 Anti-Slip Tape

General description

Anti-Slip Tapes help to protect from slippery surfaces and to prevent accidents. This tape offers a safer working environment when applied on stairs and walkways, both indoor and outdoor. Anti-Slip Tape is a mineral coated plastic film with a pressure sensitive adhesive protected by a removable liner. The tape is made using aluminium oxide mineral particles and has a solvent acrylic adhesive material. The tape can be applied in a temperature between 5 °C and 50 °C.

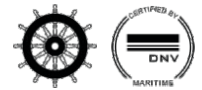
Technical data

Thickness: 0,8 mm tape + 1 - 0,2 mm grit
Steel adhesion: 1500 g / 25 mm
Tensile strength: 6 kg / 25 mm
Elongation / break: 2596
Application temp: 5 °C up to 50 °C



Article number	Description	Color	Dimensions	Weight
AST0025BK	Anti-Slip Tape	Black	25 mm x 18 m	0,3 kg
AST0050BK	Anti-Slip Tape	Black	50 mm x 18 m	0,6 kg
AST0100BK	Anti-Slip Tape	Black	100 mm x 18 m	1,2 kg
AST0150BK	Anti-Slip Tape	Black	150 mm x 18 m	1,8 kg
AST0050YB	Anti-Slip Tape	Yellow/black	50 mm x 10 m	0,6 kg
AST0100YB	Anti-Slip Tape	Yellow/black	100 mm x 10 m	1,2 kg

Light Line Photoluminescent tape 129



General description

We manufacture various photoluminescent tapes to indicate escape routes on cruise ships, oil tankers, ferries, roll-on/roll-off ships and many other vessel types. These tapes are being made using PVC, PU or PET materials.

The PU material tape is especially used for applications with rounded surfaces and locations where heavy duty materials are required.

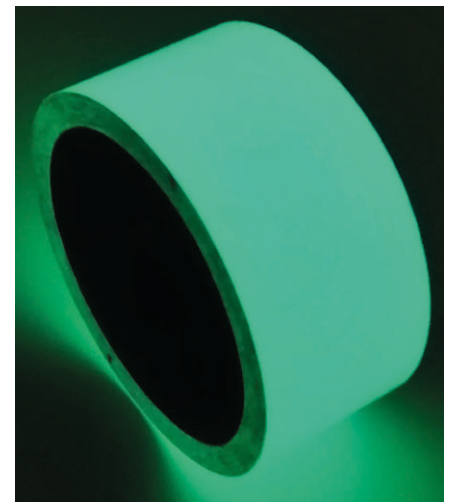
All the photoluminescent tapes complies with the IMO & SOLAS regulations. They have a strong adhesive layer which ensures an extremely good adhesion on many different surfaces. The tapes are specially designed for mounting on board of ships and have excellent aging and weather resistant properties. Because of these properties the tapes are suitable for both indoor and outdoor applications/usage. The photoluminescent tapes are not only applicable in the maritime and offshore sector but also in the installation business, such as office buildings and hallways.



Technical data

Elongation	24%
Weight:	300 g - 40 mm, 375 g - 50 mm, 600 g - 80 mm
Thickness:	0,175 mm
Tensile strength:	Approx. 5 kg

Luminance intensity (mcd / m ²)	10 min	60 min
Class XXL	210	30
Class XL	100	10



Approvals

- Wheelmark
- DNV

Standards

- The product complies with IMO A752(18) and ISO 15370 which include ships and marine technology / low location lighting on passenger ships arrangements.

LightLine Tape PET

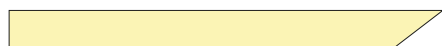
Other widths available on request

Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTP040CN	LightLine Tape PET neutral	40 mm x 10 m	XXL	-	-
LLTP050CN	LightLine Tape PET neutral	50 mm x 10 m	XXL	-	-
LLTP080CN	LightLine Tape PET neutral	80 mm x 10 m	XXL	-	-

130 Light Line Photoluminescent tape



LightLine tape PVC



Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CN	LightLine Tape PVC neutral	40mm x 10m	XXL	332014	4752014
LLTV050CN	LightLine Tape PVC neutral	50mm x 10m	XXL	-	-
LLTV080CN	LightLine Tape PVC neutral	80mm x 10m	XXL	332018	-
LLTV040BN	LightLine Tape PVC neutral	40mm x 10m	XL	332014	4752014
LLTV050BN	LightLine Tape PVC neutral	50mm x 10m	XL	-	-
LLTV080BN	LightLine Tape PVC neutral	80mm x 10m	XL	332018	-



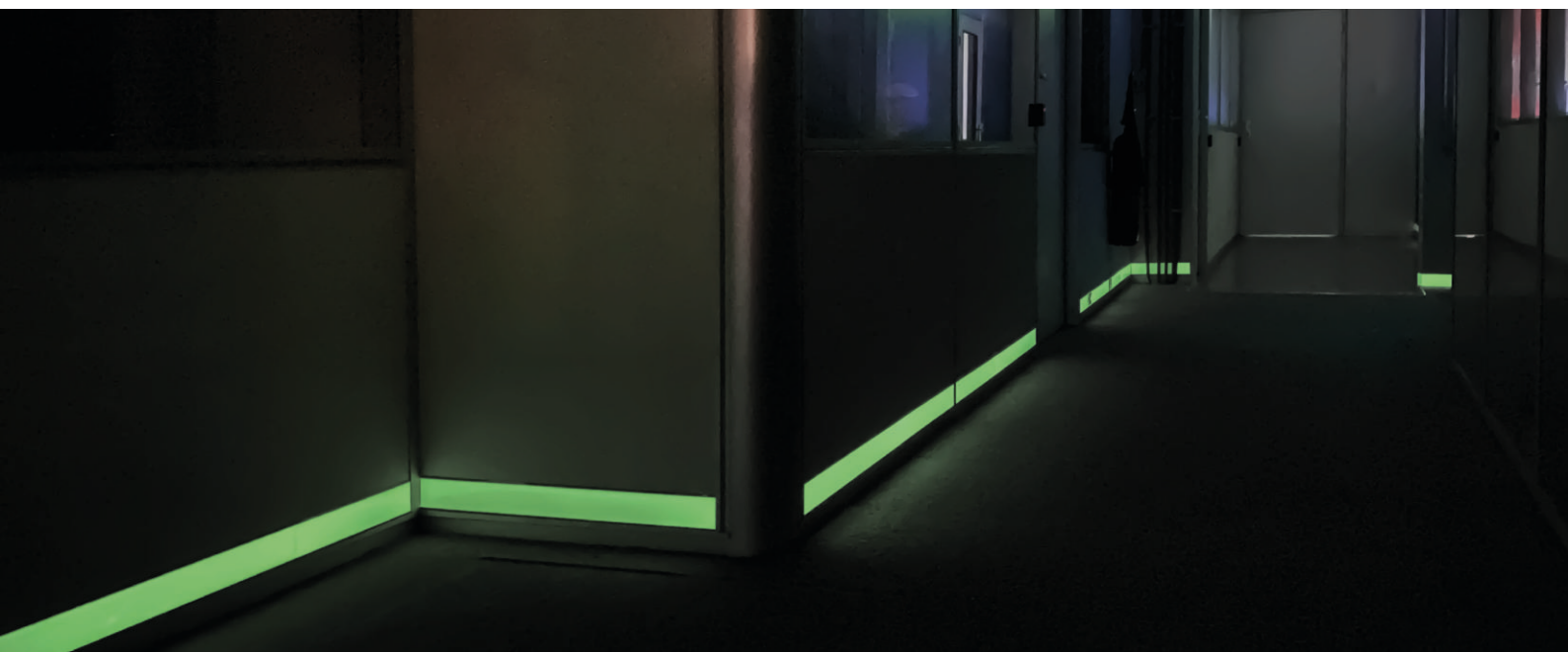
According ISO 15370;
Only dead-end corridors

Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CA	LightLine Tape PVC arrow	40mm x 10m	XXL	-	-
LLTV080CA	LightLine Tape PVC arrow	80mm x 10m	XXL	-	-
LLTV040BA	LightLine Tape PVC arrow	40mm x 10m	XL	-	-
LLTV080BA	LightLine Tape PVC arrow	80mm x 10m	XL	-	-



According ISO15370; Please note; this tape is delivered with 3x ES1032, 3x ES1033, 3x ES1004, 3x ES1005 stickers. Other symbols upon request.

Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CE	LightLine Tape PVC escape direction	40mm x 10m	XXL	332024	4752024
LLTV050CE	LightLine Tape PVC escape direction	50mm x 10m	XXL	-	-
LLTV080CE	LightLine Tape PVC escape direction	80mm x 10m	XXL	332028	-
LLTV040BE	LightLine Tape PVC escape direction	40mm x 10m	XL	332024	4752024
LLTV050BE	LightLine Tape PVC escape direction	50mm x 10m	XL	-	-
LLTV080BE	LightLine Tape PVC escape direction	80mm x 10m	XL	332028	-



General description

Safety Marking Photoluminescent Tape is used to show contours in spaces. The outlines of (emergency) exits, obstacles and areas to be kept clear or for example, fire extinguishers can be marked with luminous Safety Marking Tapes.

The Photoluminescent Safety Marking Tapes complies with the IMO & SOLAS regulations, have a strong adhesive layer and are suitable for both indoor and outdoor applications/usage.

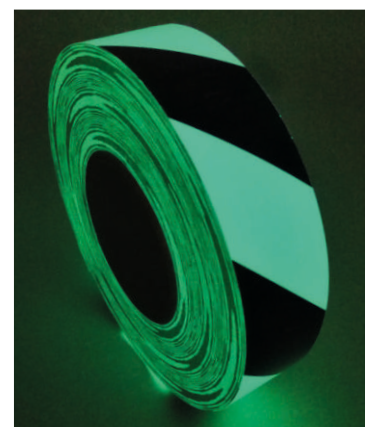
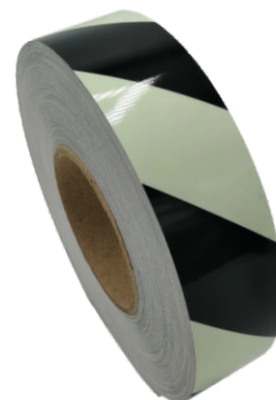
Technical data

Elongation	24%
Weight:	300 g - 40 mm / 600 g - 80 mm
Thickness:	0,175 mm
Tensile strength:	Approx. 5 kg

Luminance intensity (mcd / m ²)	10 min	60 min
Class XXL	210	30
Class XL	100	10

Standards

- The product complies with IMO A752(18) and ISO 15370 which include ships and marine technology / low location lighting on passenger ships arrangements.



Other widths available on request

Article number	Description	Dimensions	Quality	IMPA	ISSA
SMTV040CG	Safety Marking Tape PVC green	40 mm x 10 m	XXL	332034	4752034
SMTV080CG	Safety Marking Tape PVC green	80 mm x 10 m	XXL	332038	-
SMTV040BG	Safety Marking Tape PVC green	40 mm x 10 m	XL	332034	4752034
SMTV080BG	Safety Marking Tape PVC green	80 mm x 10 m	XL	332038	-



Other widths available on request

Article number	Description	Dimensions	Quality	IMPA	ISSA
SMTV040CR	Safety Marking Tape PVC red	40 mm x 10 m	XXL	332054	4752054
SMTV080CR	Safety Marking Tape PVC red	80 mm x 10 m	XXL	332058	-
SMTV040BR	Safety Marking Tape PVC red	40 mm x 10 m	XL	332054	4752054
SMTV080BR	Safety Marking Tape PVC red	80 mm x 10 m	XL	332058	-



Other widths available on request

Article number	Description	Dimensions	Quality	IMPA	ISSA
SMTV040CB	Safety Marking Tape PVC Black	40 mm x 10 m	XXL	332044	4752044
SMTV080CB	Safety Marking Tape PVC Black	80 mm x 10 m	XXL	332048	-
SMTV040BB	Safety Marking Tape PVC Black	40 mm x 10 m	XL	332044	4752044
SMTV080BB	Safety Marking Tape PVC Black	80 mm x 10 m	XL	332048	-

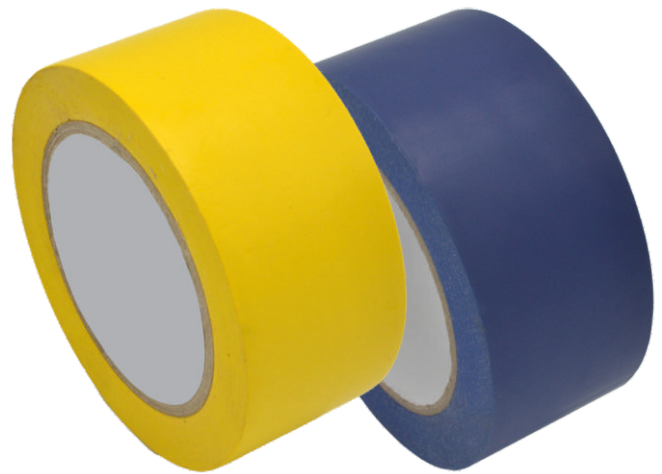
132 Floor marking tape

General description

Floor Marking Tape is a tape that was designed for marking floors and walkways to highlight safety hazards. Floor Marking Tape has an extremely high durability towards tough surroundings with its excellent adhesive quality. Marking dangerous areas with this floor tape is the first step to increase safety.

Technical data

Material:	PVC
Adhesive:	Natural rubber adhesive
Carrier:	0.135 mm
PVC Film Appl. temp:	0-50 °C
Total thickness:	0.15 mm
Temperature:	0-90 °C
Tensile strength:	25 N / cm
Elongation:	150 %



Article number	Description	Color	Dimensions	Weight
FLT050BU	Floor Marking Tape	Blue	50 mm x 33 m	0,3 kg
FLT050GN	Floor Marking Tape	Green	50 mm x 33 m	0,3 kg
FLT050RD	Floor Marking Tape	Red	50 mm x 33 m	0,3 kg
FLT050YE	Floor Marking Tape	Yellow	50 mm x 33 m	0,3 kg
FLT050BK	Floor Marking Tape	Black	50 mm x 33 m	0,3 kg

General description

We offer various layouts of reliable Security Seal Tapes, also called warranty void labels. These are made of tamper evident destructible PET. When using this Security Seal Tape, you can quickly see if your goods have been tampered with. It shows the "OPEN VOID" hidden security message as soon as the warranty tape is removed from the surface of a carton box of other applications. These SecuSeal Tapes seal of and provide extra protection.

Our Security Seal Tape can be applied to a large range of surfaces including paper, card, metal, glass and many more. Void tapes are mainly used for forensic intelligence investigation, military, banking security, aviation security, medical packaging seals, electronic goods protection and other.

Technical data

Adhesion:	Pressure sensitive
Minimum Shelf life:	2 years
Thickness:	25 Micron
Color:	Various colour's, layouts and sizes are possible according to the customers demands. Production of individual labels or on roll. Also custom made labels possible.

Material: PET, Halogen free, NON-PVC

Benefits & Features

Security Seal Tapes help you to reveal tampering or unauthorized access. High value goods need to have a security/safety seal. This seal protects the luxury goods from theft and fraud during shipment and storage. Our Security Seal Tapes reveal the hidden security message when tampering has occurred. Even if someone tries to replace it, the void tape will show that an individual attempted to break into it.



SECURITY SEAL - - - - - VOID IF BROKEN
Secured by _____ on _____

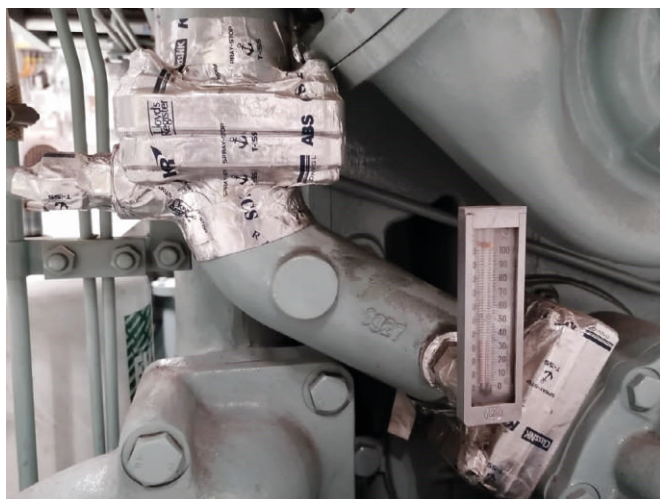
Security Seal Tape (open void tape) provides the best solution when evidence is required of tampering. Our guarantee seal or guarantee tape provide a visible indication of attempt of removal. After removing, since most of adhesive remains on the surface (and little to none on the tape film), the tape film cannot be reused, which is an added security feature against unauthorized reuse of the tape.

Article number	Description	Dimensions	Weight	Thickness
SST035DNB	Security Seal Tape - Do not break	35 mm x 10 m	73 gr	25 mu
SST035VIB	Security Seal Tape - Void if broken	35 mm x 10 m	73 gr	25 mu
SST035CM	Security Seal Tape (custom-made)	35 mm x 10 m	73 gr	25 mu

134 Spray stop Tape

General description

Spray Stop Anti-Splashing Tape is used for applications in the marine & offshore industry. This high tech laminated multilayer aluminium tape, has been designed by safety specialists in order to prevent spray outs of hazardous liquids (oil / fuel) from tubing systems. These liquids can cause extremely dangerous situations like fires, explosions or other dangerous situations. According to SOLAS regulations, ships should apply appropriate protection to prevent leakage / splashing of flammable oil from FO, LO hydraulic and other systems.



Technical data

Maximum pressure:	15 bar
Maximum temperature:	+160 °C continuously +200 °C shortly
Adh. material tolerance:	- 70 °C up to 200 °C
Adhesion:	1000 g / 25 mm
Shelf life:	3 years

Note; other widths available on request

Approvals

- Bureau Veritas, Lloyd's Register, DNV, RINA, ClassNK, ABS, KR, CCS

Standards

- Complies with the IMO A653 (16)

Article number	Description	Dimensions	Weight	IMPA
SPST0035	Spray Stop Tape	35 mm x 10 m	0,13 kg	871801
SPST0050	Spray Stop Tape	50 mm x 10 m	0,19 kg	871802
SPST0075	Spray Stop Tape	75 mm x 10 m	0,28 kg	871808
SPST0100	Spray Stop Tape	100 mm x 10 m	0,38 kg	871804
SPST0140	Spray Stop Tape	140 mm x 10 m	0,53 kg	871803
SPST0250	Spray Stop Tape	250 mm x 10 m	0,94 kg	871807
SPST0500	Spray Stop Tape	500 mm x 10 m	1,88 kg	871805
SPST1000	Spray Stop Tape	1000 mm x 10 m	3,75 kg	871806

Spray stop 50+ Tape 135



General description

Spray Stop Anti-Splashing Tape 50+ has a slight difference compared to the regular version. Standard Spray Stop Tape will hold pressure up to 15 bar. Spray Stop Anti-Splashing Tape 50+ extends this limit to 50 bar. This means the tape will be particularly suitable for tubing systems that transport liquids under high pressure. Of course this tape can be used under the same circumstances as our standard Spray Stop Anti-Splashing tape.

Technical data

Maximum pressure:	50 bar
Maximum temperature:	+160 °C continuously +200 °C shortly
Adh. material tolerance:	- 70 °C up to 200 °C
Adhesion:	1000 g / 25 mm
Shelf life:	3 years



Note; other widths available on request

Approvals

- Bureau Veritas, Lloyd's Register, DNV, RINA, ClassNK, ABS, KR, CCS

Standards

- Complies with the IMO A653 (16)

Article number	Description	Dimensions	Weight	IMPA
SPST50035	Spray Stop Tape 50+	35 mm x 10 m	0,19 kg	871801
SPST50050	Spray Stop Tape 50+	50 mm x 10 m	0,27 kg	871802
SPST50075	Spray Stop Tape 50+	75 mm x 10 m	0,40 kg	871808
SPST50100	Spray Stop Tape 50+	100 mm x 10 m	0,54 kg	871804
SPST50140	Spray Stop Tape 50+	140 mm x 10 m	0,76 kg	871803
SPST50250	Spray Stop Tape 50+	250 mm x 10 m	1,35 kg	871807
SPST50500	Spray Stop Tape 50+	500 mm x 10 m	2,70 kg	871805
SPST51000	Spray Stop Tape 50+	1000 mm x 10 m	5,40 kg	871806

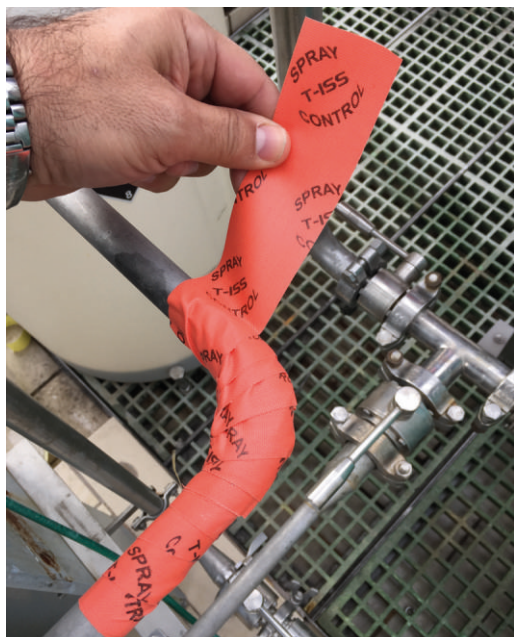
136 Spray Control Tape

General description

Spray Control Tape is used to upgrade the safety in your pipeline systems. The protection tape makes surroundings a lot safer. Spray Control is made to prevent damages towards humans, machinery and pipes by applying the tapes on flanges & valves at chemical plants. The pre-leak detection would help to save unnecessary expenditure for maintenance and repairing. Compared to Spray Shields & Flange Guards, the product can be directly used without any trial chore.

Technical data

Max. temperature resistance: -30 °C up to 75 °C
Pressure resistance: Up to 35 bar
Material: Multilayer reinforced high grade vinyl



Article number	Description	Dimensions	Weight	Thickness
SPCT0050	Spray Control Tape	50 mm x 10 m	0,3 kg	1 mm
SPCT0100	Spray Control Tape	100 mm x 10 m	0,5 kg	1 mm
SPCT0150	Spray Control Tape	150 mm x 10 m	0,8 kg	1 mm
SPCT0300	Spray Control Tape	300 mm x 10 m	1,5 kg	1 mm

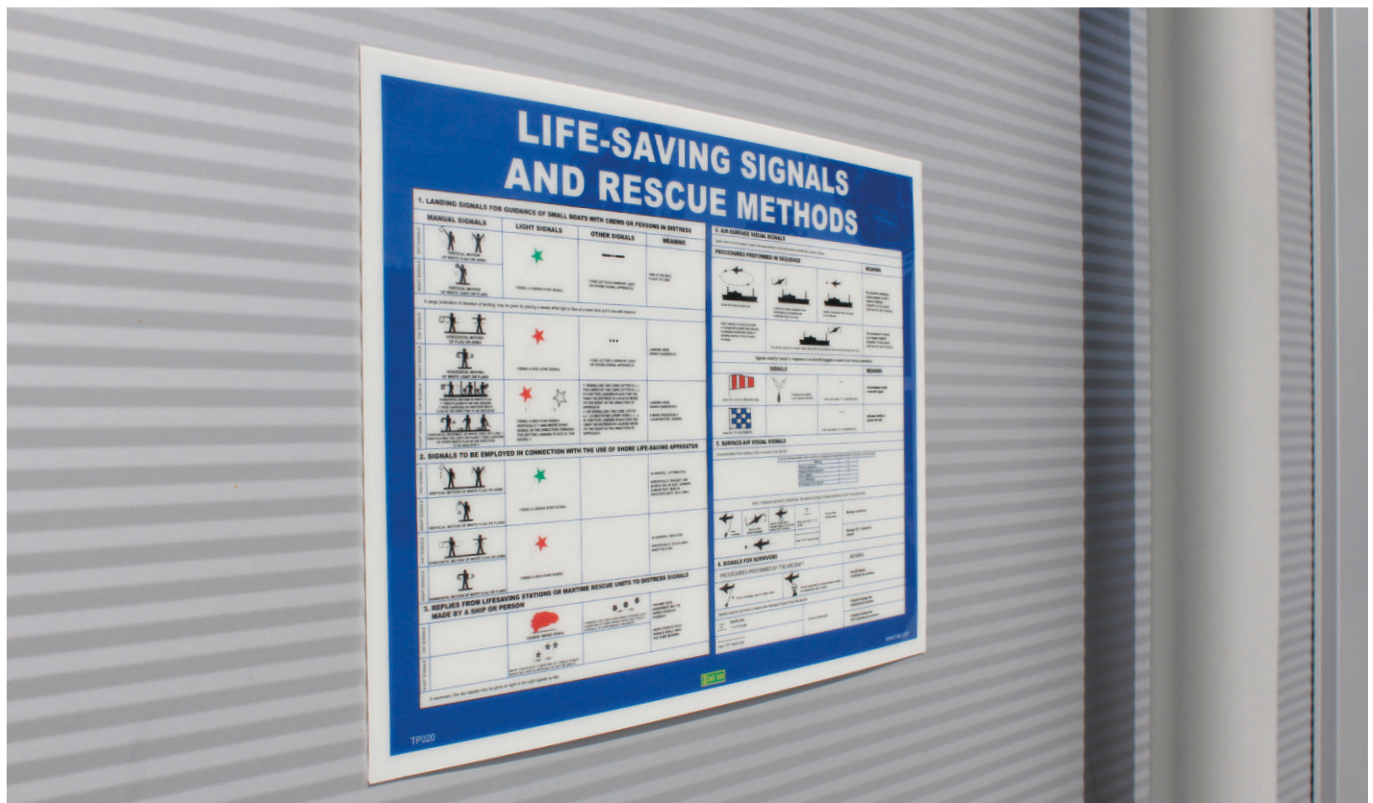
General description

Foam Mounting Tapes are closed cell, polyethylene foam, coated with a high tach / high shear acrylic adhesive. It has superior chemical and fuel resistance, and good outdoor weather resistance. It has excellent adhesive performance in the area of tack, sheer and adhesion. High tack permanent adhesive with slow aging and weather resistant properties specifically designed for mounting and joining nameplates, plastic trim, signs and emblems. Used on board of all types of vessels to install signage or to fix products to a surface.



Technical data

Peel adhesion:	PSTC-3.1.8 kg / 25 mm
Shear strength:	PSTC-7 over 72 hours
Heat resistance:	Over 24 hours
Service temperature:	-30 °C ~ 120 °C
Strength:	1.8 kg/25 mm



Other widths available on request in 10 and 50 m length

Article number	Description	Dimensions	Weight	Thickness
FMT10-020	Foam Mounting Tape	20 mm x 10 m	0,07 kg	1 mm
FMT10-040	Foam Mounting Tape	40 mm x 10 m	0,10 kg	1 mm
FMT10-050	Foam Mounting Tape	50 mm x 10 m	0,12 kg	1 mm
FMT50-150	Foam Mounting Tape	150 mm x 50 m	1,80 kg	1 mm

138 Drip stop Tape

General description

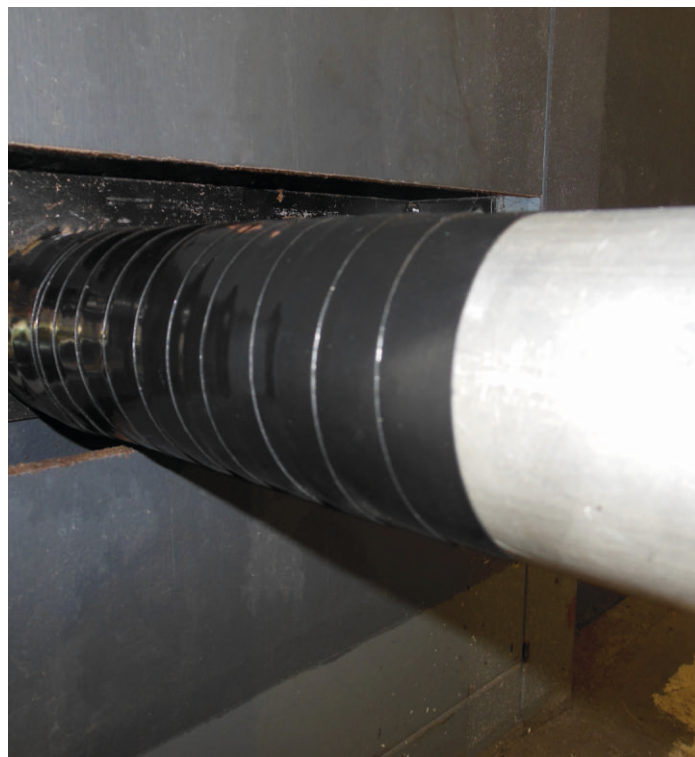
Drip Stop Tape is easy to use, not using any adhesive components and it will not stick to the hand. The tape is made to stick on components. When applying it needs an overlap of half the width on the tape. The full cure time is approximately 20 – 30 minutes.

Drip Stop Tape can be used even on wet surfaces and on pressurized leaking pipe up to maximum 3 kg/cm². It will even work under water. When being used in wet areas, it must be winded very tightly. The tape can also be used as a protection layer to prevent corrosion or as electric insulation.



Technical data

Tensile strength:	32,8 kg / cm ²
Elongation at brake:	435%
Volume resistivity:	6,1 x 10,150
Dielectric strength:	21 kV / mm
Dielectric constant:	0,03
Dissipation factor:	2,01



Article number	Description	Dimensions	Weight	Thickness	IMPA
DST025	Drip Stop Tape	25 mm x 10 m	0,1 kg	0,1 mm	812491
DST038	Drip Stop Tape	38 mm x 10 m	0,2 kg	0,1 mm	812492
DST050	Drip Stop Tape	50 mm x 10 m	0,3 kg	0,1 mm	812493

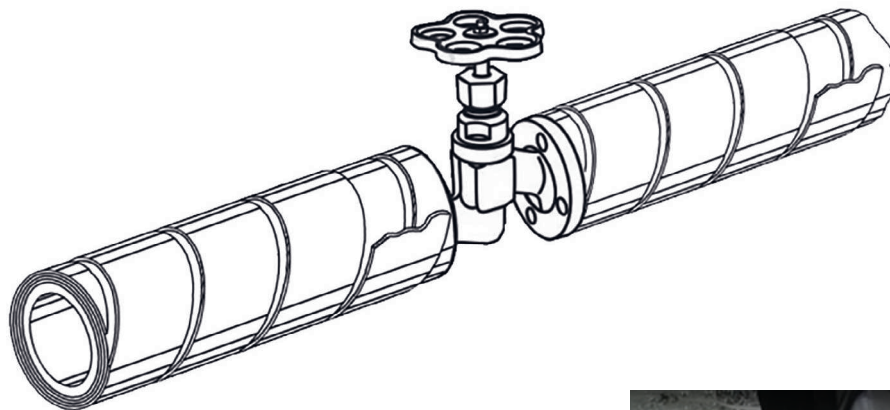
General description

Biosoluble Heat Stop Tape is a revolutionary new environmental friendly tape and is used for insulation of hot piping systems on board of ships. It was specially invented to replace the ceramic fiber tape in the maritime sectors. Biosoluble Heat Stop Tape is made of a biosoluble fiber chemical composition which is different from regular ceramic fiber. The biosoluble fiber has a better performance and it is biodegradable. It protects surfaces and lowers temperatures in a highly effective way. Biosoluble Heat Stop Tape is a woven fabric made of superior biosoluble fiber. This special tape contains about 15-18% binder materials which gives it superior heat resistance. Inwoven stainless steel wire and the berglass lament inside will keep the biosoluble fiber tape high temperature performance when it is used.



Benefits & Features

- No cracking and no hardening
- Cold and wet surface application is possible
- ECO friendly



Standards

- Meets SOLAS Regulation II/2/12.2.10
- Complies with MSC 61 (67)
- GTS Verification of Compliance
- EN 14306:2009 + A1:2013

Article number	Description	Dimensions	Weight	Thickness
HST050	Heat Stop BIO Tape	50 mm x 7,7 m	252 gr	3 mm
HST100	Heat Stop BIO Tape	100 mm x 3,3 m	609 gr	12,5 mm

140 Corrosion Stop Zinc Tape

General description

Corrosion Stop Zinc Tape will prevent galvanic corrosion and protects new and existing steel parts such as bridge supports, pipelines and other marine structures. Corrosion Stop Zinc Tape is made of a high purity zinc with a high tack self-adhesive backing.

Corrosion Stop Zinc Tape has a sacrificing role in the oxidation process. Instead of the two metals that are attached to each other, the tape will oxidize and so protect the two other metals. The same principle is put into practice on vessels; anodes are placed on the ship's hull. These anodes will rust instead of the hull which results in a hull that's rust-free for a longer period of time.

Technical data

Material:	Zinc layer (39%)
Adhesive:	Acrylate
Adhesion to steel:	>70N /100 mm
Thickness:	0,1 mm zinc, 0,05 mm adhesive
Temp. resistance:	up to 115 °C
Shelf life:	12 months

Benefits & Features

The zinc layer on the tape will not be infiltrated by water, gas, etc. Also, the tape will not age due to UV light so there will be no corrosion from the inner layer.



Article number	Description	Dimensions	Weight	Thickness	IMPA
CSZT025	Corrosion Stop Zinc Tape	25 mm x 20 m	429 gr	1 mm	673521
CSZT050	Corrosion Stop Zinc Tape	50 mm x 20 m	771 gr	1 mm	673522
CSZT100	Corrosion Stop Zinc Tape	100 mm x 20 m	1386 gr	1 mm	673523

General description

Rust Stop Petro Tape is an anti-corrosion tape which can be applied to all types of steel and steel structures, including pipes and pipelines. The tape provides an excellent resistance to water, acids, alkalis and salts. It is an appropriate long term solution against corrosion. Even under water, under the ground and in harsh weather conditions, the tape retains its excellent properties and won't peel, harden or crack. The tape is easy to apply and requires a very short processing time. The tape is solvent free.



Article number	Description	Dimensions	Weight	Thickness	IMPA
RSPT050	Rust Stop Petro Tape (36 pcs)	50 mm x 10 m	0,7 kg	1,2 mm	812471
RSPT100	Rust Stop Petro Tape (18 pcs)	100 mm x 10 m	1,4 kg	1,2 mm	812472

142 Hatch Cover Blueliner Tape

General description

Extreme weather conditions can cause leakage of your hatch covers, which can lead to damage of the cargo being transported. Hatch Cover Blueliner Tape keeps moisture out and ensures a tight seal which is weather and smoke resistant. The tape has an extraordinary strength, great adhesion and is extremely flexible. The tape is easily recognizable by the blue top layer of modified PE material. This material gives the highest protection under extreme conditions.

Technical data

Characteristic: 20 m / self-adhesive SBS bitumen rubber coated
Heat resistance: -15 °C up to 40 °C
Shelf life: 2 years



Benefits & Features

Hatch Cover Blueliner Tape is tested under practical environments and extreme weather conditions. The tape can be installed between 5 °C and 40 °C, and can withstand -15 to 70 °C. Rolls are 20 meter of self-adhesive SBS bitumen rubber compound, coated to a modified blue PE liner and with a release PE Liner.



Article number	Description	Dimensions	Weight	Thickness	IMPA
HCT100	Hatch Cover Tape (3 pcs)	100 mm x 20 m	4,5 kg	2 mm	232452
HCT150	Hatch Cover Tape (2 pcs)	150 mm x 20 m	7,0 kg	2 mm	232453

Emergency Leak & Seal Repair Kit 143

This emergency leak and seal set is the perfect equipment that allows immediate action when situations require it. Flange, pipe or even barrel leaks can be closed quickly and efficiently with this kit. The wrench and water are all that is required to be able to use this kit. The use of the kit also does not require special training, but it is still necessary to make sure that the crew is familiar with the kit and the procedures when using.

Technical data:

Contents of the package:

- Sturdy carrying case
- Rubber hammer
- Wooden wedges in different sizes (16 pieces)
- Knife
- Instant glue
- Filling rubber plate (50x50cm)
- Dripstop (50mm)
- SprayControl tape (50mm)
- SprayStop tape (35mm)
- PipeRep water-activated tape (3 sizes: 2", 3", 4")
- 3 pairs of gloves



Article number.	IMPA	ISSA	Description	Dimensions	Weight
ELS001	81 .23.68	75.782.00	Emergency Leak & Seal Kit	475 x 215 mm	7,2 kg

144 Pipe Repair Kit



General description

The Pipe Repair Tape is a specially developed resin coated glass fiber cloth, which will set also under water. The fiberglass cloth tape is impregnated with a water activated resin prior to packaging. Normal setting time is approximately 20 minutes, depending on the temperature. The activator is normal salt or fresh water. This repair product sets even under water and because of this, it is ideal to use in difficult / wet applications. The Pipe Repair Tape can be used for corrosion prevention, reinforcement and electrical protection up to 16,000 volts.

Technical data

Maximum pressure: 10 bar
Maximum temperature: 200 °C

Benefits & Features

One pack of Pipe Repair Tape comes with:

- Pipe Repair pouch
- Pipe Repair FastSteel putty
- One pair of protective gloves
- Instruction manual



Article Number	IMPA	Description	Dimensions	Weight
PRT002	81 .23.64 / 81 .24.51	PipeRepair Tape 2	50 mm x 1,5 m	0,1 kg
PRT003	81 .24.52 / 81 .23.65	PipeRepair Tape 3	75 mm x 2,7 m	0,2 kg
PRT004	81 .24.53 / 81 .23.63	PipeRepair Tape 4	100 mm x 3,6 m	0,4 kg

Barrier products

145

Material:
Plastic

The yellow A- warning stands folds easily for transportation and storage
For indoor use only. Height 70 cm, color: yellow. Other texts on request.



Product	Height	Art.No.
Customized text	70 cm	A001
Warning wet floor	70 cm	A002
No entry to unauthorized personnel	70 cm	A003
Danger uneven surface	70 cm	A004
Warning opening in surface	70 cm	A005

Material::
Soft plastic

Orange warning cone with yellow reflective stripes.
Made of soft plastic. For indoor- and outdoor use.



Size: (mm)	Weight (kg)	Art. No.
500 mm	1,4 kg	VA140
750 mm	3,35 kg	VA335

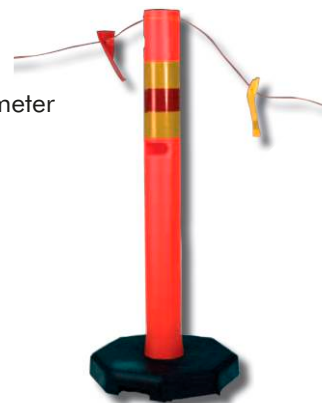
Lashing rope, material
fluorinated plastic.
Length 23 m

SK002



Access control column and outrigger
slots for lashing rope. Reflector.
Height 1 m and weight 8 kg. The diameter
of the column is 10 cm.

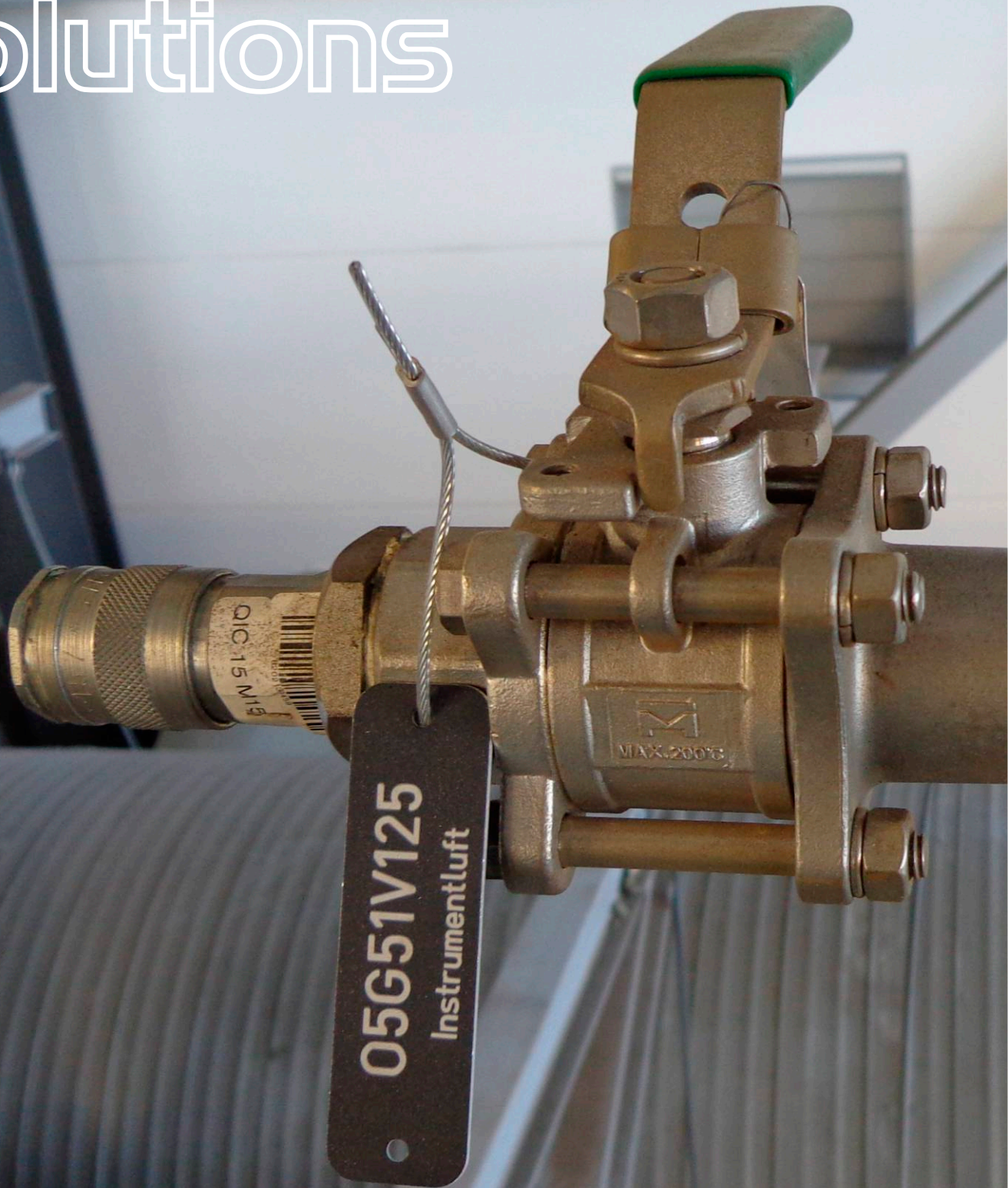
SK001



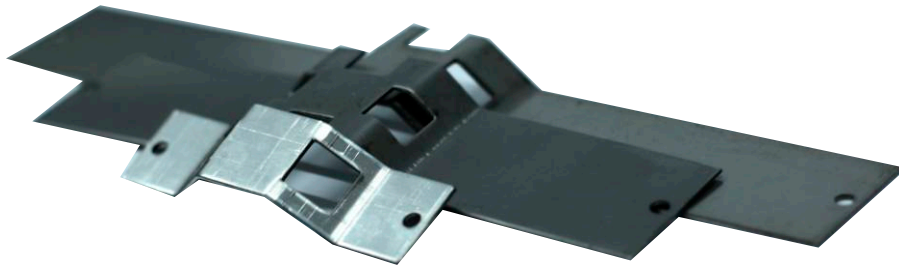
Art.No.	Product	Size	Color
VB007	underground barrier tape	150 mm x 365 m	Yellow/Black



Mounting solutions



By using our range of different fastening solutions you will get visible and durable sign fastenings to enable process and safety signs to become more visible and reachable. We offer a wide range of different types of signage mounting options. The materials we use the most and recommend are aluminum and stainless steel.



Sign brackets

An easy and quick way to attach tags/signs to a pipe is with our bracket with a hose clamp.

The sign/tag is attached to the bracket with pull rivets.

The width of the hose bandage must be 9 mm.

Size [mm]:	Art. No Aluminum	Art.No. Stainless steel
61x18	AK6118	RK6118
70x18	AK7018	RK7018
88x18	AK8818	RK8818
106x18	AK1018	RK1018
124x18	AK1218	RK1218
142x18	AK1418	RK1418
160x18	AK1618	RK1618
178x18	AK1718	RK1718

61x30	AK6130	RK6130
70x30	AK7030	RK7030
88x30	AK8830	RK8830
106x30	AK1030	RK1030
124x30	AK1230	RK1230
142x30	AK1430	RK1430
160x30	AK1630	RK1630
178x30	AK1730	RK1730
196x30	AK1930	RK1930

Size [mm]:	Art. No Aluminum	Art.No. Stainless steel
70x50	AK7050	RK7050
88x50	AK8850	RK8850
106x50	AK1050	RK1050
124x50	AK1250	RK1250
142x50	AK1450	RK1450
160x50	AK1650	RK1650
178x50	AK1750	RK1750
196x50	AK1950	RK1950

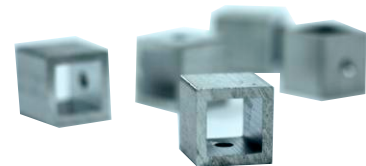
70x70	AK7070	RK7070
88x70	AK8870	RK8870
106x70	AK1070	RK1070
124x70	AK1270	RK1270
142x70	AK1470	RK1470
160x70	AK1670	RK1670
178x70	AK1770	RK1770
196x70	AK1970	RK1970
214x70	AK2170	RK2170
232x70	AK2370	RK2370
250x70	AK2570	RK2570
268x70	AK2670	RK2670

148 Mounting solutions

Fastening cube

Aluminum / stainless steel fastening cube.
Attached to tag / sign with pull rivets.

Product	Size (mm)	Art.No
Fastening cube ALU	15x15 mm	KA1515
Fastening cube RST	15x15 mm	KR1515



PVC coated wire

Product	Size (mm)	Art.No
Roll	2,2x100 m	TV100
Lock	200 kpl	VL200

Plastic coated steel wire, aluminum compression sleeve.
Also by the meter.



Ball chain

Product	Size (mm)	Art.No
Ballchain	220x2 mm	KK200

Ballchain and lock is nickel-plated.



Wire & lock

Product	Size (mm)	Art.No
Wire	220x2 mm	TV220

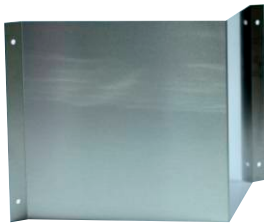
Stainless steel wire & lock.



Mounting solutions 149

Wall mounting

Material:
Aluminum



Product	Size (mm)	Art.No
Nose bracket	200x200 mm	NT2020
Nose bracket	400x400 mm	NT4040

Visibility 180°. Screw mounting to the wall.

Material:
Aluminum



Product	Size (mm)	Art.No
Flag bracket	200x200 mm	LT2020
Flag bracket	400x400 mm	LT4040

Areas of use: e.g. corridors.
Attached with screws to the wall/ ceiling.

Material:
Plastic

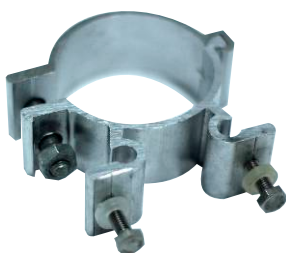
Product	Size (mm)	Art.No
Sign holder	75x25x10	LT7525

The holder has a mounting groove for a 1-2 mm thick sign or for two overlapping signs.

Strong double-sided foam tape for wall / ceiling mounting.

Post brackets

Material:
Aluminum



Product	Size (mm)	Art.No
Sign holder	60 Ø	TKA60

Delivered with allbolts and screws needed.

Material:
Galvanized



Product	Size (mm)	Art.No
Sign holder	60 Ø	TKG60

Delivered with allbolts and screws needed.

Material:
Galvanized



Product	Size (mm)	Art.No
Sign holder	140 Ø	TKG140
Sign holder	170 Ø	TKG170

Delivered with allbolts and screws needed.

150 Mounting solutions

Signbrackets

Product	Size (mm)	Art.No
Signbracket	160x100	TT1610
Signbracket	240x100	TT1610

The stand is suitable for marking a pump, attachment e.g. to a concrete bed.



Signholders

Product	Size (mm)	Art.No
Signholder	350x160	TT3516
Signholder	370x160	TT3516

The stand is suitable for marking a pump, attachment e.g. to a concrete bed.



Rivets

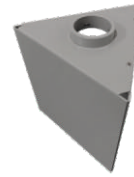
Product	Size (mm)	Art.No
Pull rivet 500 pcs / pack	Alu 6 mm	VN06A
Pull rivet 500 pcs / pack	Alu 8 mm	VN08A
Pull rivet 500 pcs / pack	S.S 6 mm	VN06R
Pull rivet 500 pcs / pack	S.S 8 mm	VN08R



MOUNTING BOX TRIANGLE

Product	Measurements [mm]	Art.no.
Triangle box	200x200	MBTA-HH
Triangle box	200x267	MBTA-HJ

Used in open space so that the visibility of safety signs is clear from all directions.



DOUBLE FOLDED EDGE PANEL

Product	Measurements [mm]	Art.no.
DFE-Panel	Custom	DFEP001

Coated aluminium Double Folded Edge (DFE) panel without safety sign. Used for column mounting in brackets. Layout and size available on request.



MOUNTING PANEL CEILING

Product	Measurements [mm]	Art.no.
Ceiling mounting panel	300x100	MPRE-KE
Ceiling mounting panel	300x100	MPRE-KG
Ceiling mounting panel	450x150	MPRE-MG
Ceiling mounting panel	200x200	MPRE-HH
Ceiling mounting panel	200x267	MPRE-HJ
Ceiling mounting panel	Custom	MPRE-XX

Aluminium panel without a safety sign, for indoor use. Available one or two sided.




152

Clamps

Signwell has been a distributor of Kale Clamps in Finland since 2019. We have taken a comprehensive assortment of clamps to our range as we want to give our customers the best possible quality to choose from. KALE clamps are of high-quality and made for many different applications. They are well suited for industry, marine and automotive industries.

Standard model available in the following sizes.

	Type	Quality	Size [mm]:	Art.No.
	WD9	W4	Ø 8-16	LKR0816
			Ø 10-16*	LKR1016
			Ø 16-27	LRK1627
			Ø 20-32	LKR2032
			Ø 25-40	LKR2540
			Ø 40-60	LKR4060
			Ø 60-80	LKR6080
			Ø 80-100	LKR80100
			Ø 100-120	LKR100120
			Ø 110-130	LKR110130
			Ø 130-150	LKR130150
			Ø 150-170	LKR150170
			Ø 170-190	LKR170190
			Ø 190-210	LKR190210
			Ø 210-230	LKR210230
			Ø 230-250	LKR230250
			Ø 250-270	LKR250270
			Ø 270-290	LKR270290
			Ø 290-310	LKR290310
			Ø 310-330	LKR310330

Check out our wide range of clamps by downloading our catalogue on our website.

WD9 - Worm Drive Clamps



W1-W2-W3-W4-W5

WD9 IS - Worm Drive Clamps with Spring Insert



W3-W4-W5

SE - Smooth Ear Clamps



W4

ST - SpringTension Heavy Duty Clamps



W2

HD - Heavy Duty Clamps



W1-W2-W4

V - Band Clamps



W2

CC - Retaining Clamps



W1-W3-W4-W5

SB - Endless Band Clamps

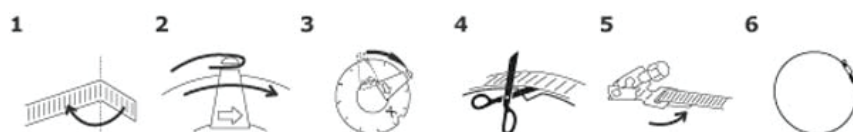


W4 - W5

Press Ring



W4





154 Mounting solutions

Mounting glue



Product	Size (ml)	Art.No
Mounting glue	310 ml	LM310

Strong mounting glue. Very hard adhesive force, for indoor and outdoor use.

Working temperature + 5 ° C ... + 40 ° C

Cartridge skeleton gun

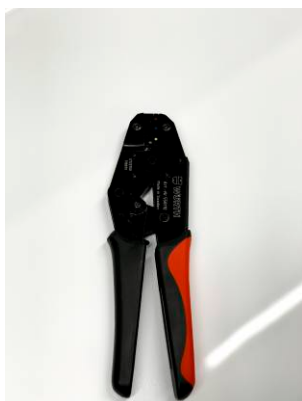


Product	Size (ml)	Art.No
Cartridge skeleton gun	310 ml	AT002

Cartridge press for adhesive sealant. Very handy for signage installation.

- Easy to use

Pliers



Product	Size (mm)	Art.No
Pliers	190 mm	AT003

Wire pliers. An excellent tool for wire mounting with aluminum compression sleeve.

- For crimping BNC connectors
- Only one compression is needed
- Handle covered with ergonomic plastic

Wronic screw

Material: For mounting signs, self-drilling wronic screw.

Aluminum
Galvanized

- Low level sheet metal screw
- Wide flange, 11mm
- Sharp tip, bites without starting hole
- Suitable for wood and board joints

Product	Size (mm)	Art.No
Wronic screw	4,2 x 19 mm	AT004

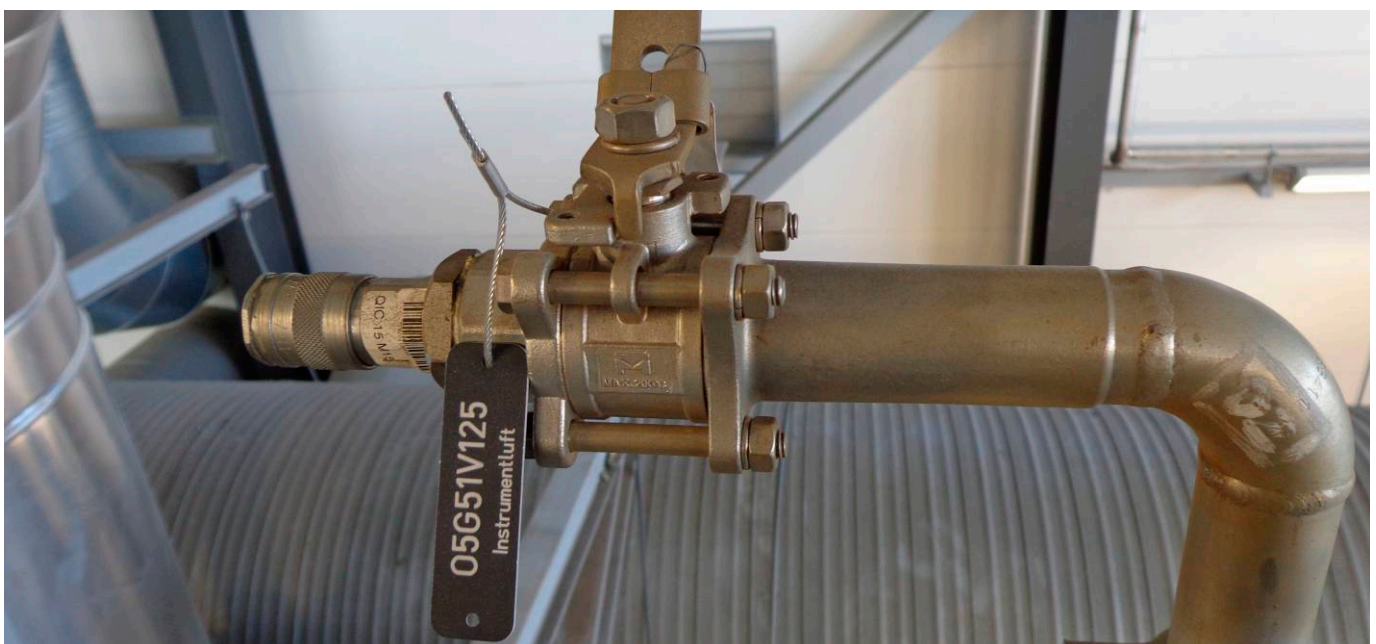


Nail plug

Product	Size (mm)	Art.No
Nail plug	5 x 40 mm	AT005

Nail plugs are designed to be used to fix signs on a concrete wall.

- Quick mounting
- Easy to use



156 Mounting solutions

Tex-soft cloth



Product	Size (cm)	Art.No
Soft textile cloth	38 x 29 cm	AT006

Soft textile cloth for pre / post cleaning during installation.

- Soft cloth that does not scratch
- 50 pcs

General cleaning cloth- grey



Product	Size (cm)	Art.No
Cleaning cloth	42,8 x 35,5 cm	AT007

Cleaning cloth for demanding use. Suitable for pipe cleaning.

- Durable
- 140 pcs

Felt squeegee



Product	Size (mm)	Art.No
Felt squeegee	100 x 70 mm	AT008

The felt squeegee is an excellent tool for tape installation, especially for smooth and slightly curved surfaces. It also speeds up the application on large surfaces.

Mounting solutions 157

General cleaner

Product	Contents	Art.No.
General cleaner	500 ml	AT009

IPA- Isopropanol cleaning agent for general use. Splendid cleaning agent to clean the pipes before marking installation.

- Effective dirt removal
- Suitable for sensitive surfaces
- Removes grease
- Does not leave marks on bare metal or glass surfaces



Scissors

Product	Dimensions [mm]	Art.No.
Scissors	250 mm	AT010

For cutting stickers and tapes.



Tape knife

Product	Dimensions [mm]	Art.No.
Tape knife	9mm	AT011

For cutting stickers and tapes.



WAYFINDING SIGNS & MARKETING PRODUCTS


A.K. ROSS
CITY CENTER
LIBRARY

Welcome



Photocopiers



Collection
Carts



Auditorium



Reading
Rooms



The exclusive importer of Vista Systems in Finland, Signwell Oy.

Vista system is the world's leading signage system. Its unique designs allow the best solution for any signage project. Vista has a large selection of many different models for different purposes. They have signs for outdoor and indoor use, nameplates, light signs, brochure holders, poles, stands, hanging shields, wall shields, the list is almost endless. Vista products are made of extruded aluminum, and its personal signs are easily obtained with the products. They are suitable for many basic materials such as paper, plastic, vinyl, thin metal, and even braille. Vista products are a good choice for many reasons. The products are easy to recycle due to their clean materials, and are completely PVC-free. Due to the usage of good materials, Vista Systems products are also long-lasting.

Interested in the opportunities for your business?
More information about Vista System on our website
or request a brochure from info@signwell.fi

Vista Sharp
Frameless Way-Finding System



Vista NOVA
New Modular Way-Finding System



Vista BM
Innovative Brochure Holders



Vista Square
Flat Modular Way-Finding System



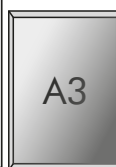


The snap frame is made of an extruded aluminum frame that makes it easy to access installed posters. This product is durable and long lasting. Because of the good materials used when making it, it is an easily recyclable and environmentally friendly choice.

It is practical:

- For the exit path diagram
- For electrical safety instructions
- For first aid instructions
- Area maps
- For offices, etc.

These frames are available in different models, many sizes as well as in different colors.



**Available
with posters
&
Magnetic
bottom**

Snapframe mechanism

Snap Frames are an easy-to-use frame. It works in the way that the edges of the frame are lifted from the inside edge. When the edges of the frame have been inverted it is possible to lift the protective plastic aside and the desired sheet can be placed in place. When the sheet is inserted the edges of the frame can then be twisted back to their original position.

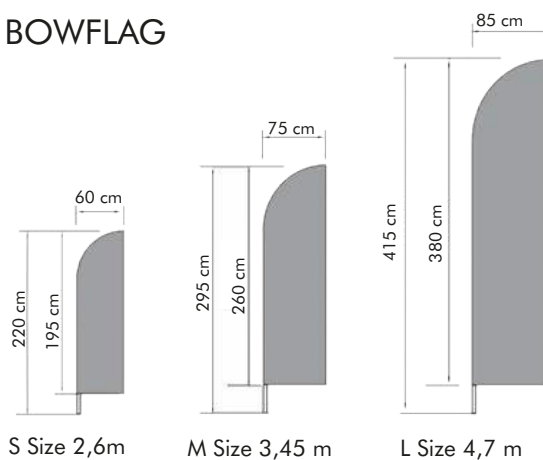
Product	Size [mm]	Art. no.
Snapframe A5	148x210 mm	SFA50
Snapframe A4	210x297 mm	SFA40
Snapframe A3	297x420 mm	SFA30
Snapframe A2	420x594 mm	SFA20
Snapframe A1	594x841 mm	SFA10
Snapframe A0	841x1189 mm	SFA00



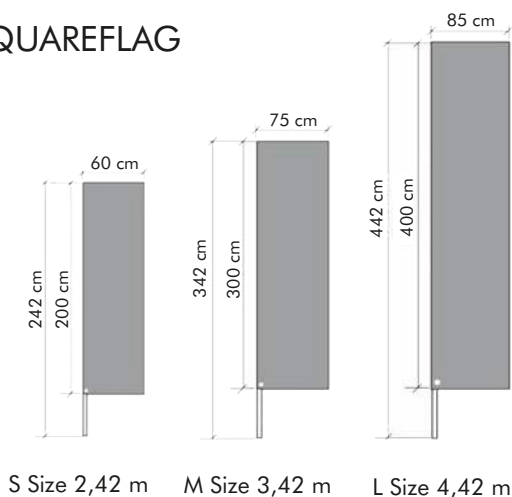
162 Beach flags

The flag sign consists of a flag cloth, on which the customer can get printed what they wish, a flag bar, which is assembled from a few shorter sections. The sign also comes with a foot that holds the flag upright. The beachflag comes packed in a carrying case made of convenient fabric which makes it easy to transport. Our selection includes a few models of beach flags in different sizes. Beach Flags are great outside at various events such as at trade fairs and competitions.

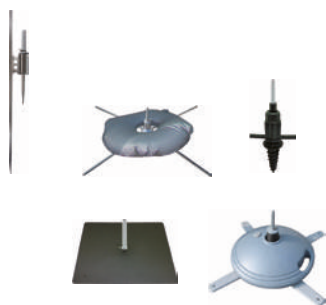
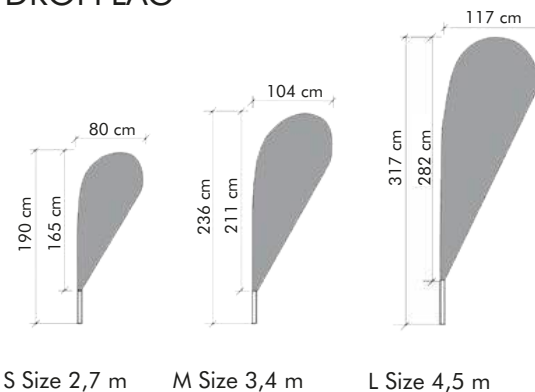
BOWFLAG



SQUAREFLAG

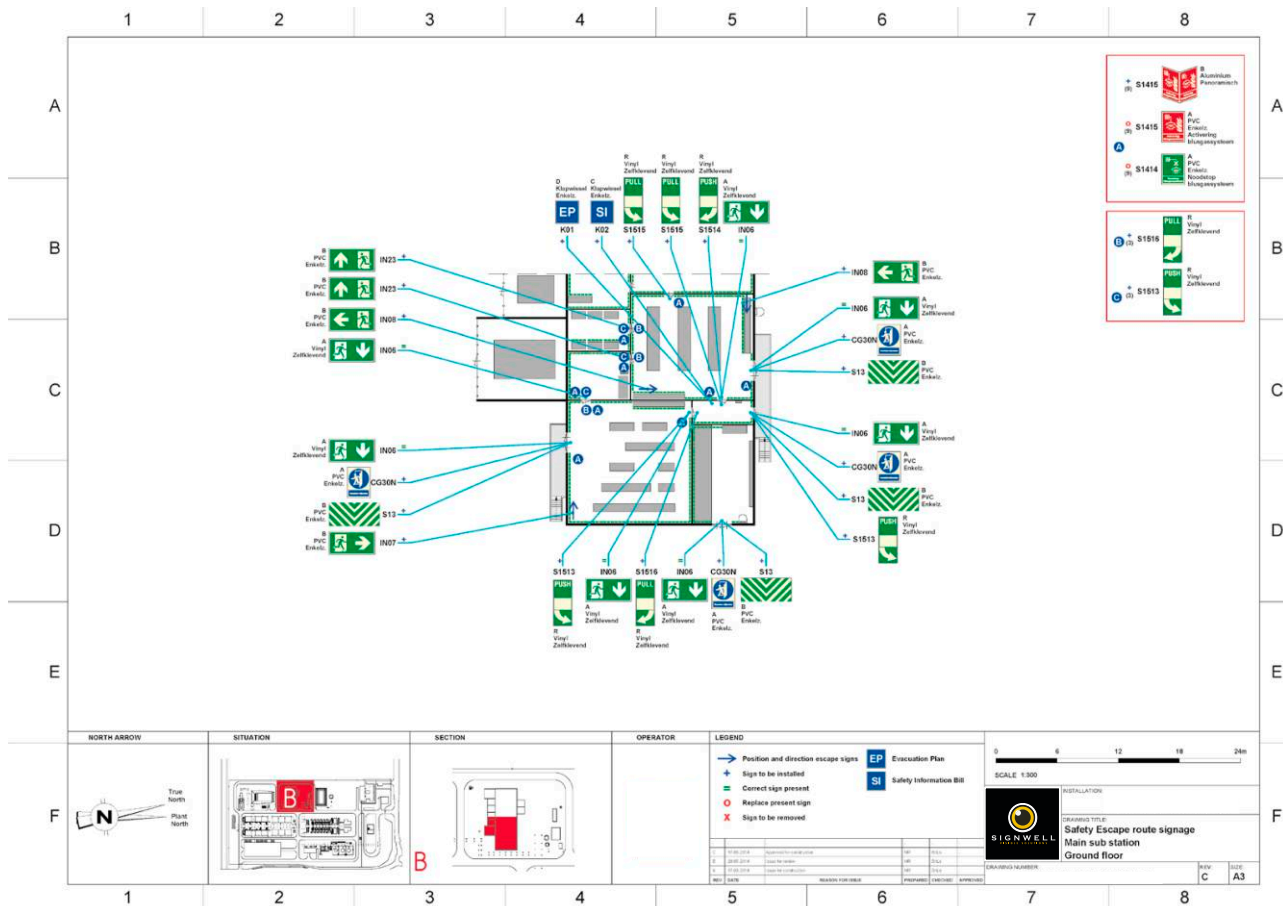


DROPFLAG



Foot options

We make signbooks for companies with company floor plans and clear maps of where the signs should be placed. These books are based on safety standards.



Area signboards

We produce larger and smaller area maps for companies and industries. Area maps increase everyday spending and also increase the level of security.



FIRE **ISOLATOR**

EV-CAR FIRE PROTECTION



EV FIRE PROTECTION

ABOUT THE **FIRE ISOLATOR** CONCEPT

In general, there is no single solution to extinguish EV car fires. Most specialists agree that more than one solution should be available on board ferries or in carparks. Once an EV fire occurs on a ship, the shipowner/captain must be able to reach the nearest port as soon as possible to keep damages to an absolute minimum. In case of an EV on fire in a carpark, the goal must be to minimize the collateral damage. Specialists with a long track record of fighting E-fires figured out what the best method to fight an EV fire is in order to have minimum damages towards cargo and passengers. The conclusion was that a combination of different methods delivers the best results. With this best practice, the concept of Fire Isolator was born.

The Fire Isolator Concept holds 5 elements that, when used together, deliver the best results when fighting EV-fires onboard ferries or in carparks:

1. The use of a High Temperature resistant Fire Blanket
2. The use of aerosol units that interrupt the chemical chain reactions occurring in the flames
3. The use of a Water Mist lance
4. The use of a thermal imaging camera to monitor the temperature of the burning EV
5. Training of the crew in this concept



166 Fire Isolator Concept

EV FIRE ISOLATOR PRODUCTS



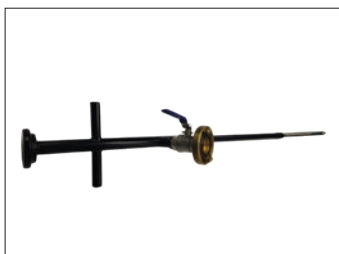
FIRE ISOLATOR BLANKET

The Fire Isolator Blanket is the best way to control and isolate car fires for All-Electric Vehicles (EVs) as well as normal cars. The Fire Isolator Fire Blanket will directly assist in containing the flames, smoke and toxic fumes. The blanket is temperature resistant up to 1600 °C, and is easy to place over the vehicle because of the coloured loops. This blanket is available in multiple sizes upon request.



FIRE ISOLATOR AEROSOL UNITS

Our Aerosol Units are lightweight, hand-held units designed to provide portable fire extinguishing. Aerosol Units are perfect for providing control of the situation together with the Fire Isolator blanket, can save valuable time, prevent a flashover and bring the temperature of the fire down dramatically, to around 200 °C



FIRE ISOLATOR WATER MIST LANCE

The Fire Isolator Water Mist Lance is your assistant in quickly and efficiently reducing fires in EV vehicles. The Fire Isolator Water Mist Lance can penetrate directly into the battery in an easily accessible location. This method allows water to enter the battery cells directly. The lance only needs to be inserted at a small depth.

Article number	Description	Dimensions [mm]	Weight
FI-BL0906	Fire Isolator blanket	9 x 6 m	37 kg
FI-AUCA2	Set of 2 Aerosol units in box	205 x 165 mm	2,1 kg
FI-WMLANCE	Water Mist Lance set	300 x 1350 mm	5,5 kg
FI-BCAM	Thermal camera Bullard		
FI-FAX	Fireman´s axe high voltage	900 x 200 x 30 mm	2,6 kg
FI-BOX	Reinforced Plastic Storage Box	1450 x 550 x 450 mm	24,5 kg
FI-KIT	Complete Kit: GRP Box, Blanket, case with 2 aerosol units, water mist lance, Axe, Instruction poster	1450 x 550 x 450 mm	72 kg

FIRE ISOLATOR ACCESSORIES

For the best implementation of the Fire Isolator Concept one should use products from the following range of accessories.



FIRE AXE HIGH VOLTAGE

The Fireman's Axe High Voltage is designed and tested according to FSS code.
Material: Steel blade and fiberglass handle
Insulation: up to 2 kV / 12 kV DC voltage



SAFETY WINDOW HAMMER

Break the Car Window easily with the extremely hard double-head hammer made of high-carbon steel. Also with a seat belt cutter at the bottom of the handle.



GRP (FIBERGLASS) REINFORCED PLASTIC STORAGE BOX

Storage boxes for both onshore and offshore applications which include lifejackets, emergency equipment or tool sets.
Other storage boxes available on request.



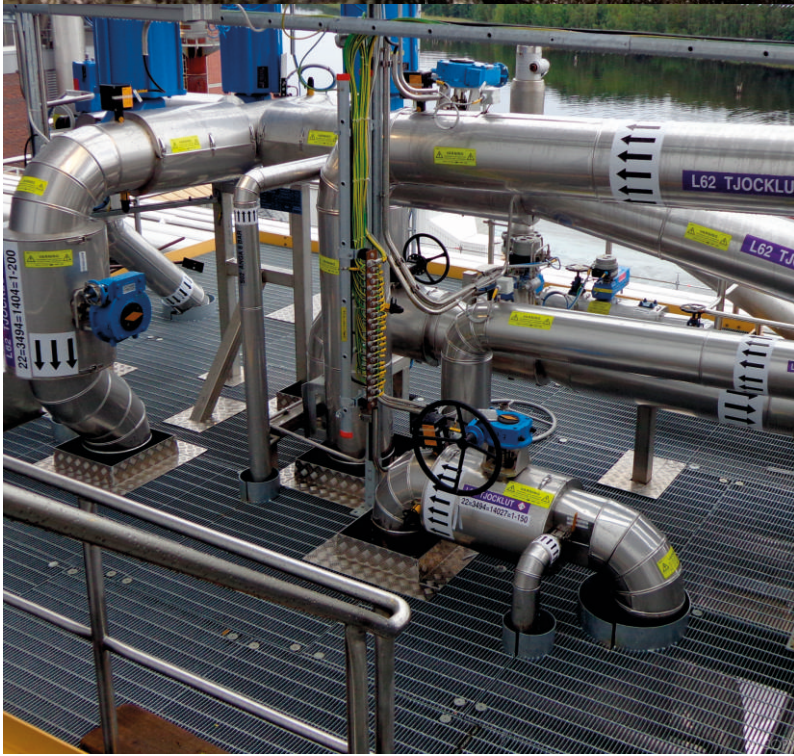
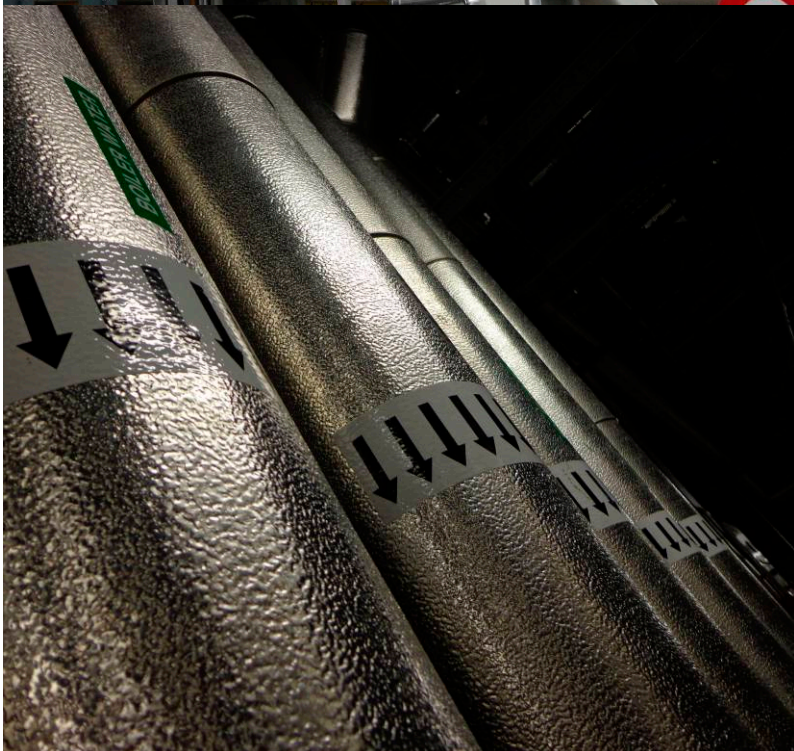
COMPLETE **FIRE ISOLATOR** KIT

The complete kit consist of: Fire Isolator Blanket, 2 aerosol units in a case, water mist lance, fire axe, safety window hammer and instruction poster.



FIRE ISOLATOR THERMAL CAMERA

A thermal imaging camera is a type of the thermographic camera used in fire-fighting. By rendering infrared radiation as visible light, these cameras allow firefighters to see areas of the heat through smoke, darkness, or heat-permeable barriers in the context of the Fire Isolator Concept, it is important to monitor the temperature under the fire blanket to see if more aerosol need to be deployed.



SAFETY SIGNAGE IMPLEMENTATION & CERTIFICATION



170 Safety signage implementation & certification

Development and installation of an effective and compliant safety signage system has been our core business for many years. The safety of the personell is our top priority when implementing such a system.

Our safety signage portfolio consists of:

- Escape Route signage (including Low Location Lighting)
- Safety plans / Safety instruction signs
- Fire & Rescue signage
- Fire Control signage
- Warning / Prohibition / Mandatory signs
- Pipe marking
- ISPS signs

In order to implement an effective and compliant safety signage system, we approach each project systematically, based on our main pillar under success: good project management and knowledge of regulations and standards.

Project management

Our organization and teams have the knowledge and experience to successfully manage complex, time sensitive safety signage and process labelling projects

in line with your embarkation- and safety plan and safety procedures. Our time-tested techniques serve as an industry model, and our people represent the best in the safety signage business.

Once the scope, tasks and milestones are determined, a dedicated Project Manager is appointed to lead the project and act as the primary contact throughout the life of the project. Project team members are assembled from engineering, drawing, production and installation departments.

The steps we take to ensure the most optimal project result, are based on years of experience and can be considered a best practice to deliver an effective and efficient safety signage system:

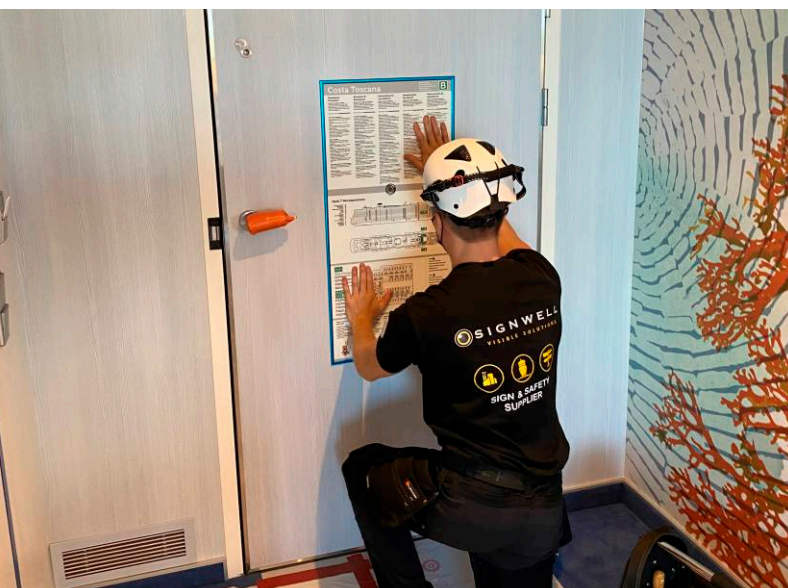
- Site survey
- Budgeting
- Engineering & Design
- Production
- Class approved drawings
- Installation
- (Low Location Lighting installation, measurements and class-approval guidance)– (Photoluminescent Low Location Lighting)– (Electrical Low Location Lighting)– As-built signmanual• Maintenance

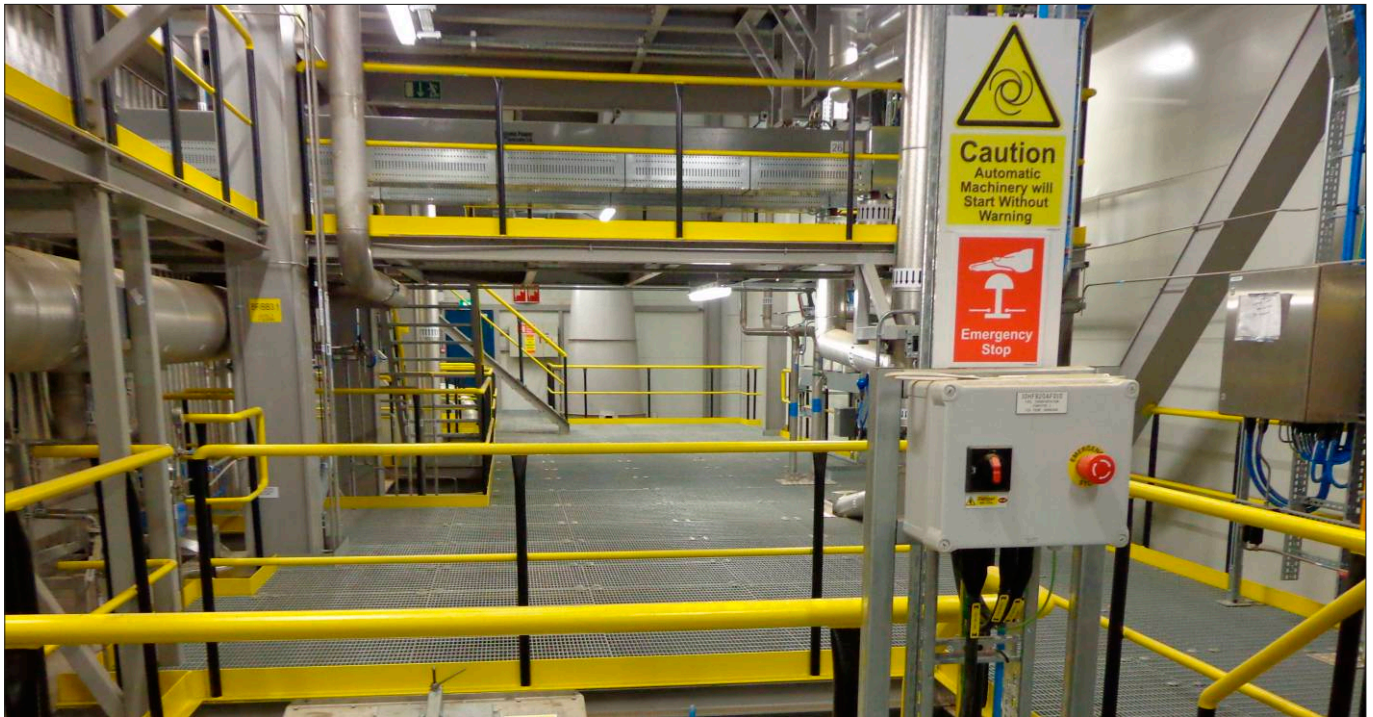
In case of newbuild ships, we can provide the delivery documentation and certification documents for approval by the classification society.

Site survey

Most of the times, we progress based on the General Arrangement drawings, fire control & safety plans or embarkation plans and no site survey is needed to create a preliminary sign plan. In the case that a site survey is needed, we evaluate the current status of your existing signage. Evaluation of all or individual signage areas: safety, technical, personnel. This survey will be accompanied by a detailed technical illustrative report: a sign plan. With this survey, we can assess and evaluate the current state of the safety signage system related to relevant resolutions and ISO standards, listing all the findings in the sign plan. In our report, we do not only look at the technical state of the signage, but we also report on the state of the signage in terms of compliance with regulations and standards that are applicable in your situation.

In case your industrial facility location does not have any fire control & safety plan or embarkation plan, we can develop one for you.





Budgeting

Based on the customer's requirements, and after a close study of the general arrangement drawings, fire control & safety plans or embarkation plans (and results from the site survey when applicable) it is possible to determine what the scope of the project is. We can now make an estimation of the impact and costs involved to implement an effective safety signage system or escape route signage system. Such a system ideally consists of 5 elements that together form the system:

- Safety signage including:
 - Prohibition signs
 - Warning signs
 - Mandatory signs
 - Escaperoute signs
 - Firefighting signs
- Pipemarking
- Valvetags
- Tank signage
- Area signage

Our way of engineering will always try to avoid an 'overload' of signs, as such an overload of signs does not improve the feeling of safety.

Engineering & Design

Our engineering services include various activities in order to produce a signplan. Based on the available general arrangement drawings and/or results from a site survey we create a signplan, which is developed in accordance with current regulations and standards. In the end, the sign plan provides a clear overview

of any present and required safety signage on your facility according to regulations and standards. This allows you to be in control of the safety signage on your industrial facility location. A sign plan opens the opportunity to partake in the design process before the safety signage becomes permanent. This workflow guarantees a uniform appearance and an efficient and practical implementation of all safety signage.

Years of experience in compiling safety sign systems allows us to survey and map even the most complex locations and installations with competency and efficiency.

Our design services will make sure to follow any branding guidelines when designing the non standard signage elements (signage that has your logo on it).

Production

In our own certified SafeSign production facilities, with modern equipment and the manpower we execute production for your largest projects. All standard signs we have on stock for flexible and fast service.

Staffed by highly skilled talent, we have one state-of-the-art manufacturing location in Finland. We are experts at maximizing efficiency, and have the flexibility to adapt our production processes to match the demands and specifications of your program.

As part of our rigorous quality control measures, all products are inspected at our facilities. Since the majority of our products are constructed in-house, we can assure product quality, no matter the design, or how

172 Engineering & design

many signs you require. Because of our focus on long life quality signage products, you can be assured of a lower Total Cost of Ownership of our signage vs. low cost, low quality signage that is available on the market today. When we deliver a safety signage project to you, you can be sure to be maintenance free for the foreseeable future. Signwell is an ISO 9001 Certified company, as certified by DNV. DNV previously certified many of our products, and now DNV also our certified processes, in accordance with the ISO 9001 international standard.

Next to our ISO 9001 certificate that we own for our organization, our safety signage products are certified as well:

- IMO safety signs – DNV
- Low Location Lighting (photoluminescent and electrical) – DNV
- Pipe marking – PolyesPro®, a pipe marking vinyl that was jointly developed with 3M
- SOLAS Retro Reflective tape – DNV

Installation

In order to implement the sign plan in your facilities, an experienced installation team is dispatched to a location to complete all required work. Our installation teams have the capability to serve you anywhere in the world. Teams arrive at your site equipped with the information gathered from the survey and sign plan, assuring that they have all the required equipment and tools needed to complete the work to your satisfaction. Along with the site specific information, installation teams are advised of the customers installation expectation that include quality work



repair, cleanliness of installed products, and maintenance of safe and clean work area. In case of the use of local installation teams, we can provide installation supervision.

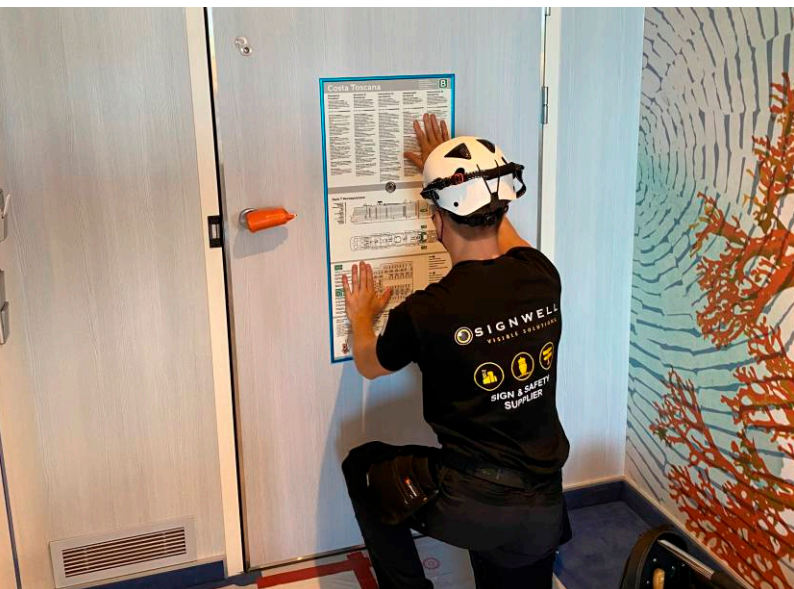
Class approvals

When Signwell do the complete project we guarantee approvals for relevant authorities. With our expertise based on years of experience and participation in ISO committees for safety signage we guide our customers through the entire classification process. Signwell is certified to take the LLL measurements, so together with the certified products we fulfill all necessary tasks for certification of the whole safety sign system in compliance with embarkation plan, fire control plan and all relevant regulations and standards.

Maintenance

After implementation/installation, the sign plan serves as a reference and as a basis for future maintenance of all signage. We understand the importance of regular maintenance and repairs, and offer various maintenance contracts to keep your signage looking at its best. If you have invested in high-quality signage, it makes sound business sense to ensure that it is kept in good condition, to maintain its visual impact and safety.

Maintenance of photoluminescent Low Location Lighting is to be performed every 5 years, by testing all systems. Our engineers are able to test your LLL systems onboard with fully certified test equipment and procedures, as certified by DNV.





Curious?

Curious about the possibilities?
Contact our team today!

☎ +358 (0) 40 900 70 80

☎ +358 (0) 19 265 6600

✉ sales@signwell.fi

📍 Ajuripuisto 2 - 10600 TAMMISAARI - FINLAND

Mapping

Planning

Assembling

Updating



PolyesPro®
Official Reseller

PSK
STANDARDISOINTI

Visit our website:

SIGNWELL.FI

© COPYRIGHT 2023 SIGNWELL OY. - all rights reserved



**SIGN & SAFETY
SUPPLIER**