

# SAFETY SIGNS PIPE MARKING & INDUSTRIAL TAPES





**PolyesPro<sup>®</sup>**



A photograph of a large industrial facility, possibly a refinery or chemical plant. The image shows a complex network of pipes, valves, and structural steel. In the foreground, there are large, horizontal pipes, some wrapped in insulation. In the background, a tall distillation column or reactor is visible, along with other industrial structures. A wind turbine is visible in the far distance on the right. The sky is overcast.

# SAFETY SIGNS PIPE MARKING & INDUSTRIAL TAPES







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# SAFETY SIGN SYSTEM PRODUCTS



# INTRODUCTION

We are proud to offer a complete range of all components for a full execution of safety signage as a system. For those who are responsible for the health and safety of people, independent for workers or public, implementing of an effective and correct safety signage system is a strategic and operational decision.

Nowadays the world became more and more a small village, people travel and work all over the world. An appropriate implementation of the right symbol create a safety language, independent form national languages, which reduce risks across barriers by using the worldwide standardized symbols in a systematic way.



We offer all types of signs both electrical illuminated, certified photoluminescent, retroreflective and other qualities inclusive a full range of installation accessories.



# SAFETY SIGNS AND POSTERS





## SAFESIGN

### Sustainability through innovation

SafeSign is the certified brand for photoluminescent signs in different qualities and materials, such as Pet-X, PVC and aluminum.

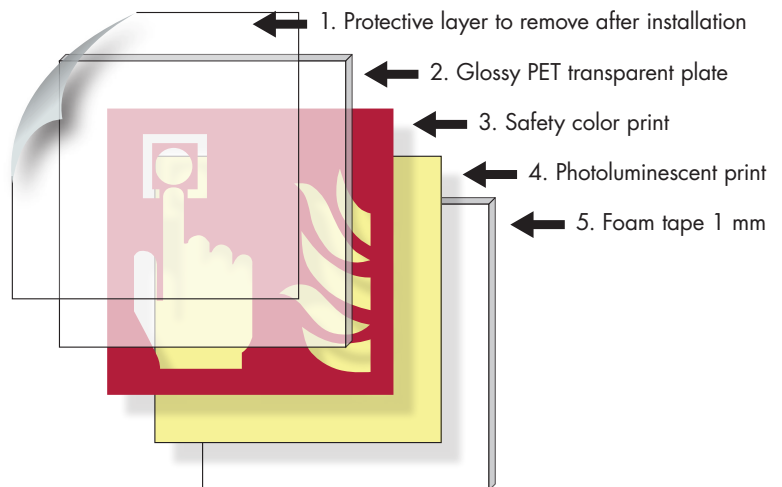
SafeSign photoluminescent signs store energy from light sources and release the light energy in the dark thanks to the use of 100% environmental friendly pigments, free of toxic or radioactive additives and exceeding all required afterglow properties.

SafeSign Pet-X innovated sign production by replacing the widely used PVC with a modified PET that is fully recyclable. PVC is increasingly banned due to its toxicity and flame resistance, our modified PET can be used safely anywhere. In addition, SafeSign's products are UV resistant, unlike PVC which quickly turns yellow. That's why SafeSign offers a 5-year warranty.

SafeSign prints on the back of the sign, another innovation, this way the print is protected from environmental influences and the result is signage with a glossy front. SafeSign signs are always easy to mount thanks to the self-adhesive backing. All signs are supplied with a protective front foil, which must be removed after mounting.

### The most economical signs

The cost of the signs themselves is only a small part of the total cost of your signage. Identification, ordering, transportation, installation and billing usually make up more than 90% of the total expenditure. With an expected lifespan of 10 to 15 years, you will reduce your expenses and apply an environmentally friendly and safe purchasing policy.



SafeSign Pet-X has all signs, poster and strips provide always with a self-adhesive backing. The self-adhesive backing, from a polyethylene closed-cell foam, is specially selected to withstand harsh environment conditions. All Pet-X signs, posters and strips are delivered with a protecting front film, which must be removed after mounting the product.

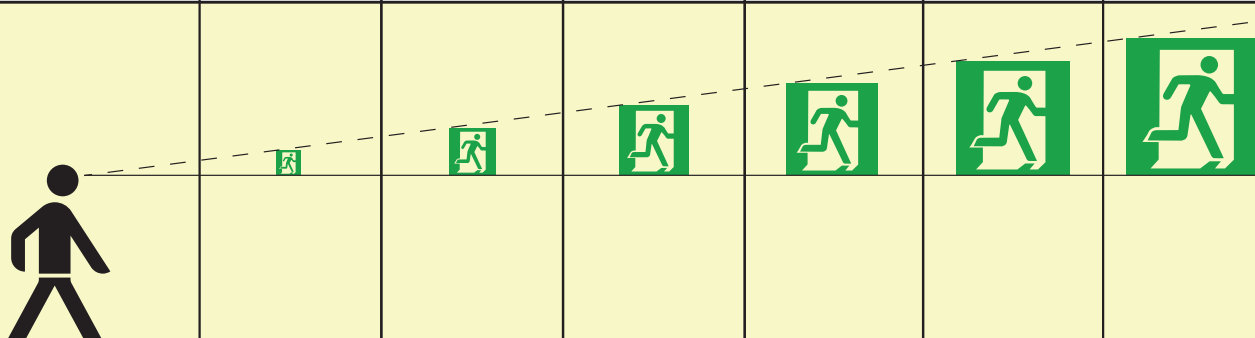
## STANDARD SIGNS PRODUCT RANGE

Standard signs SafeSign	Symbol height	Class	Photoluminescence	
		ISO17398	10 min	60 min
PET-X, SafeSign XL, self adhesive	Standard dimensions as in catalog	B+	75 mcd/m <sup>2</sup>	10 mcd/m <sup>2</sup>
PET-X, SafeSign XL mini LLL symbol, self adhesive	50 mm	B+	75 mcd/m <sup>2</sup>	10 mcd/m <sup>2</sup>
Transparant mini LLL symbol, self adhesive	50 mm	NA	NA	NA
PET-X, SafeSign non photoluminescent	As in catalog	NA	NA	NA

Note; The standard symbol heights in the catalog are 150 mm, except where the sign-height is mentioned 100 mm. All non-standard symbol heights can be produced on request. Other qualities photoluminescent available up to 10 min - 700 mcd/m<sup>2</sup>/ 60 min - 90 mcd/m<sup>2</sup>.

Available on request	Symbol height	Class	Photoluminescence	
		ISO17398	10 min	60 min
Pet-X, SafeSign XL round edges, self adhesive	Standard dimensions as in catalog	B+	75 mcd/m <sup>2</sup>	10 mcd/m <sup>2</sup>
Pet-X, SafeSign XL, self adhesive	50, 70, 100, 150, 200, 300, 400 mm	B+	75 mcd/m <sup>2</sup>	10 mcd/m <sup>2</sup>
Aluminium SafeSign XXL	Standard dimensions as in catalog	C+	160 mcd/m <sup>2</sup>	22 mcd/m <sup>2</sup>
Aluminium SafeSign XXX, colourglow (safety colours in the dark)	Standard dimensions as in catalog	E	300 mcd/m <sup>2</sup>	40 mcd/m <sup>2</sup>
PVC, SafeSign XL, self adhesive	Standard dimensions as in catalog		50 mcd/m <sup>2</sup>	7 mcd/m <sup>2</sup>
Retro-Reflective 3M, 5 year outdoor warranty, adhesive	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA
Retro-Reflective 3M, 5 year outdoor warranty, PET-X 4 mm	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA
Retro-Reflective 3M, 5 year outdoor warranty, Stainless steel, pickled and passivated 2 mm	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA
Standard outdoor adhesive, 5 year outdoor warranty	50, 70, 100, 150, 200, 300, 400 mm	NA	NA	NA

### Recommended Sign Size

Size in mm.	50 x 50	100 x 100	150 x 150	200 x 200	300 x 300	400 x 400
Distance	3 m.	8 m.	15 m.	20 m.	30 m.	40 m.
						

Note; these recommended sign sizes are based on normal lightning conditions of 100 lux.

## HOW TO ORDER SIGNS

Escape door opens left



ES1002

300x150 mm  
100x50 mm

### Step 1

Sign symbol; mention the code as stated in the catalog

Emergency exit (left hand)



ES0001  
150x150 mm  
50x50 mm  
ISSA 4754422  
IMPA 334422

### Step 2

Sign size; the standard size in which we supply the sign is the mentioned sizes in the catalog  
150x150mm > signs at eye level  
50x50mm > signs for use in SWG (see page 108-110)  
For other sizes, please provide the sign height



### Step 3

Material; standard we supply Pet-X photoluminescent XL quality.  
For other materials such as translucent for use at SWG (see page 108), PVC, Aluminum (light or heavy), reflective, stainless steel, please contact us.  
Also for panoramic signs, please contact us.

Do not use lift in case of fire



PS2001  
150x200 mm

Do not use lift  
in case of fire

Aufzug im Brandfall  
nicht benutzen

### Step 4

Custom signs; standard we supply the texts in English as mentioned in the catalog, other texts are available upon request. For other symbols, please provide an example or ask us for any special requirements.

## PANORAMIC SIGNS



1 symbol



2 symbols



3 symbols



The Pet-X panoramic signs are supplied with the self-adhesive backing, the PVC and aluminium signs without self adhesive backing.



## ESCAPE ROUTE SIGNS

### Emergency exit (left hand)



**ES0001**  
150x150 mm  
50x50 mm  
ISSA 4754422  
IMPA 334422

### Emergency exit (right hand)



**ES0002**  
150x150 mm  
50x50 mm  
ISSA 4754423  
IMPA 334423

### Evacuation assembly point



**ES0003**  
150x150 mm

### Shipboard assembly station



**ES0004**  
150x150 mm  
50x50 mm  
ISSA 4754069  
IMPA 334069

### Escape ladder



**ES0005**  
150x150 mm  
50x50 mm

### Escape direction, arrow (90°)



**ES0006**  
150x150 mm  
50x50 mm  
ISSA 4754420  
IMPA 334420

### Escape direction, arrow (45°)



**ES0007**  
150x150 mm  
50x50 mm  
ISSA 4754421  
IMPA 334421

### Embarkation ladder



**ES0008**  
150x150 mm  
ISSA 4754054  
IMPA 334054

### Marine evacuation slide



**ES0009**  
150x150 mm  
50x50 mm  
ISSA 4754055  
IMPA 334055

### Marine evacuation chute



**ES0010**  
150x150 mm  
50x50 mm  
ISSA 4754070  
IMPA 334070

### Lifeboat



**ES0012**  
150x150 mm  
50x50 mm  
ISSA 4754050  
IMPA 334050

### Rescue boat



**ES0013**  
150x150 mm  
ISSA 4754051  
IMPA 334051

### Liferaft



**ES0014**  
150x150 mm  
50x50 mm  
ISSA 4754052  
IMPA 334052

### Davit-launched liferaft



**ES0015**  
150x150 mm  
ISSA 4754053  
IMPA 334053

### Door slides right to open



**ES0017**  
150x150 mm  
50x50 mm  
ISSA 4754483  
IMPA 334483

### Door slides left to open



**ES0018**  
150x150 mm  
50x50 mm  
ISSA 4754145  
IMPA 334145

### Turn anticlockwise to open



**ES0019**  
150x150 mm  
ISSA 4754152  
IMPA 334152

### Turn clockwise to open



**ES0020**  
150x150 mm  
ISSA 4754153  
IMPA 334153

### Door opens by pulling left side



**ES0021**  
150x150 mm  
ISSA 4754146  
IMPA 334146

### Door opens by pulling right side



**ES0022**  
150x150 mm  
ISSA 4754145  
IMPA 334145

### Door opens by pushing left



**ES0023**  
150x150 mm  
ISSA 4754152  
IMPA 334152

### Door opens by pushing right



**ES0024**  
150x150 mm  
ISSA 4754153  
IMPA 334153

### Scramble net



**ES0026**  
150x150 mm  
ISSA 4754989  
IMPA 334989

### Descending device



**ES0027**  
150x150 mm

### Free fall lifeboat



**ES0028**  
150x150 mm

### Pump to open



**ES0029**  
150x150 mm

### Helicopter landing area



**ES0030**  
150x150 mm  
ISSA 4752440  
IMPA 332440

### Helicopter pickup area



**ES0031**  
150x150 mm

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.

## ESCAPE ROUTE SIGNS

Emergency window with escape ladder



ES0034  
150x150 mm

Rescue window



ES0035  
150x150 mm

Evacuation chair



ES0036  
150x150 mm

Tsunami evacuation building



ES0038  
150x150 mm

Tsunami evacuation area



ES0039  
150x150 mm

Protection shelter



ES0040  
150x150 mm

Emergency exit impairm. left



ES0041  
150x150 mm

Emergency exit impairm. right



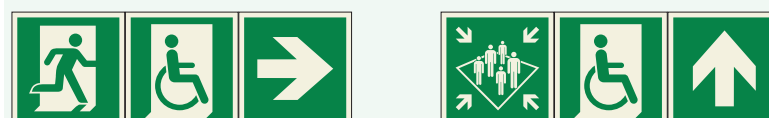
ES0042  
150x150 mm

Evacuation temporary refuge



ES0043  
150x150 mm

### PRACTICAL EXAMPLES ESCAPE ROUTE FOR PEOPLE WITH WALKING IMPAIRMENT



Escape route forward/Esc. door



ES1001  
300x150 mm  
100x50 mm

Escape door opens left



ES1002  
300x150 mm  
100x50 mm

Escape route downwards



ES1003  
300x150 mm

Escape route to the left



ES1004  
300x150 mm  
100x50 mm

Escape route to the right



ES1005  
300x150 mm  
100x50 mm

Escape route downstairs left



ES1006  
300x150 mm  
100x50 mm

Escape downstairs right



ES1007  
300x150 mm  
100x50 mm

Escape upstairs left



ES1008  
300x150 mm  
100x50 mm

Escape upstairs right



ES1009  
300x150 mm  
100x50 mm

### ASSEMBLY STATION LAND / ONSHORE

Assembly point forward/up



ES1015  
300x150 mm

Assembly point downwards



ES1016  
300x150 mm

Assembly point to the left



ES1017  
300x150 mm

Assembly point to the right



ES1018  
300x150 mm

Assembly point downstairs left



ES1019  
300x150 mm

Assembly point downstairs right



ES1020  
300x150 mm

Assembly point upstairs left



ES1021  
300x150 mm

Assembly point upstairs right



ES1022  
300x150 mm

# **ESCAPE ROUTE SIGNS**

## **ASSEMBLY STATION MARITIME / OFFSHORE**

Assembly station forward/up



ES1030 300x150 mm  
100x50 mm

Assembly station downwards



ES1031 300x150 mm

Assembly station left



ES1032 300x150 mm  
100x50 mm

Assembly station right



ES1033 300x150 mm  
100x50 mm

Assembly station downstairs left



ES1034 300x150 mm  
100x50 mm

Assembly station downstairs right



ES1035 300x150 mm  
100x50 mm

Assembly station upstairs left



ES1036 300x150 mm  
100x50 mm

Assembly station upstairs right



ES1037 300x150 mm  
100x50 mm

Assembly station forward/up



ES1038 300x150 mm  
100x50 mm

Escape ladder forward/upwards



ES1045 300x150 mm  
100x50 mm

Escape ladder downwards



ES1046 300x150 mm

Escape ladder to the left



ES1047 300x150 mm

Escape ladder to the right



ES1048 300x150 mm

Lifeboat forward/up



ES1050 300x150 mm  
100x50 mm

Lifeboat downwards



ES1051 300x150 mm

Lifeboat to the left



ES1052 300x150 mm  
100x50 mm

Lifeboat to the right



ES1053 300x150 mm  
100x50 mm

Lifeboat downstairs left



ES1054 300x150 mm

Lifeboat downstairs right



ES1055 300x150 mm

Lifeboat upstairs left



ES1056 300x150 mm

Lifeboat upstairs right



ES1057 300x150 mm

Escape route forward left vertical



ES1101 150x300 mm  
50x100 mm

Escape route forward right vertical



ES1102 150x300 mm  
50x100 mm

Escape route to the left vertical



ES1103 150x300 mm  
50x100 mm

Escape route to the right vertical



ES1104 150x300 mm  
50x100 mm

Assembly station forward vertical



ES1105 150x300 mm  
50x100 mm

Assembly station to the left vertical



ES1106 150x300 mm  
50x100 mm

Assembly station to the right vertical



ES1107 150x300 mm  
50x100 mm

LLL Stairs up to left



ES1120 50x50 mm



LLL Stairs up to right  
ES1121 50x50 mm



# ESCAPE ROUTE SIGNS

## LAND / ONSHORE

### Assembly point sign



ES2000  
250x333 mm  
300x400 mm

### Assembly point sign number



1 ES2001  
2 ES2002  
3 ES2003  
4 ES2004  
400x400 mm  
800x800 mm  
1000x1000 mm

### Assembly point sign letter



A ES2011  
B ES2012  
C ES2013  
D ES2014  
400x400 mm  
800x800 mm  
1000x1000 mm



## MARITIME / OFFSHORE

### MARITIME ASSEMBLY STATIONS ARE IN PRINCIPLE ALWAYS IDENTIFIED BY LETTER

#### Assembly station location sign



ES2100  
250x333 mm  
360x480 mm

#### Assembly station location sign



A ES2101  
B ES2102  
C ES2103  
D ES2104  
E ES2105  
F ES2106  
300x300 mm  
480x480 mm



### WHEN THE ASSEMBLY STATION IS LOCATED NEAR A LIFEBOAT, A NUMBER CAN BE USED

#### Assembly station location sign



1 ES2111  
2 ES2112  
300x300 mm  
480x480 mm

### LIFEBOAT OR EMBARKATION STATIONS ALWAYS IDENTIFIED BY NUMBER

#### Lifeboat location sign



ES2120  
250x333 mm  
360x480 mm

#### Lifeboat location 1 sign



1 ES2121  
2 ES2122  
3 ES2123  
4 ES2124  
5 ES2125  
6 ES2126  
300x300 mm  
480x480 mm

#### Embarkation station lifeboat



ES2130  
250x333 mm  
360x480 mm

#### Embarkation station lifeboat



1 ES2131  
2 ES2132  
3 ES2133  
4 ES2134  
300x300 mm  
480x480 mm

#### Embarkation station chute



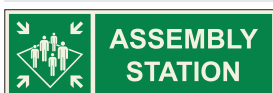
ES2140  
250x333 mm  
360x480 mm

#### Embarkation station chute



1 ES2141  
2 ES2142  
3 ES2143  
4 ES2144  
300x300 mm  
480x480 mm

#### Assembly station left



ES2200 300x100 mm

#### Assembly station right



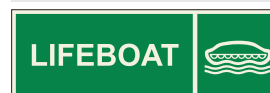
ES2201 300x100 mm

#### Lifeboat left



ES2220 300x100 mm

#### Lifeboat right



ES2221 300x100 mm

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.

## ESCAPE ROUTE SIGNS

### Number 0



ES3000  
75x150 mm  
ISSA 4754200  
IMPA 334200

### Number 1



ES3001  
75x150 mm  
ISSA 4754201  
IMPA 334201

### Number 2



ES3002  
75x150 mm  
ISSA 4754202  
IMPA 334202

### Number 3



ES3003  
75x150 mm  
ISSA 4754203  
IMPA 334203

### Number 4



ES3004  
75x150 mm  
ISSA 4754204  
IMPA 334204

### Number 5



ES3005  
75x150 mm  
ISSA 4754205  
IMPA 334205

### Number 6



ES3006  
75x150 mm  
ISSA 4754206  
IMPA 334206

### Number 7



ES3007  
75x150 mm  
ISSA 4754207  
IMPA 334207

### Number 8



ES3008  
75x150 mm  
ISSA 4754208  
IMPA 334208

### Number 9



ES3009  
75x150 mm  
ISSA 4754209  
IMPA 334209

### Number 10



ES3010  
100x150 mm

### Number



11 ES3011  
12 ES3012  
13 ES3013  
14 ES3014  
15 ES3015  
100x150 mm

### Letter A



ES3020  
75x150 mm  
ISSA 4754210  
IMPA 334210

### Letter B



ES3021  
75x150 mm  
ISSA 4754211  
IMPA 334211

### Letter C



ES3022  
75x150 mm  
ISSA 4754211  
IMPA 334211

### Letter D



ES3023  
75x150 mm  
ISSA 4754213  
IMPA 334213

### Letter E



ES3024  
75x150 mm  
ISSA 4754214  
IMPA 334214

### Letter F



ES3025  
75x150 mm  
ISSA 4754215  
IMPA 334215

### Letter G



ES3026  
75x150 mm  
ISSA 4754216  
IMPA 334216

### Letter H



ES3027  
75x150 mm  
ISSA 4754217  
IMPA 334217

### Letter J



ES3028  
75x150 mm

### Letter K



ES3029  
75x150 mm



## ESCAPE ROUTE SIGNS

Deck 0  ES3030 150x150 mm	Deck 1  ES3031 150x150 mm	Deck 2  ES3032 150x150 mm	Deck 3  ES3033 150x150 mm
Deck 4  ES3034 150x150 mm	Deck 5  ES3035 150x150 mm	Deck 6  ES3036 150x150 mm	Deck 7  ES3037 150x150 mm
Deck 8  ES3038 150x150 mm	Deck 9  ES3039 150x150 mm	Deck 10  ES3040 150x150 mm	Deck  11 ES3041 12 ES3042 13 ES3043 14 ES3044 15 ES3045 16 ES3046 150x150 mm
Number -2  ES3048 150x150 mm	Number -1  ES3049 150x150 mm	Number 0  ES3050 150x150 mm	Number 1  ES3051 150x150 mm
Number 2  ES3052 150x150 mm	Number 3  ES3053 150x150 mm	Number 4  ES3054 150x150 mm	Number 5  ES3055 150x150 mm
Number 6  ES3056 150x150 mm	Number 7  ES3057 150x150 mm	Number 8  ES3058 150x150 mm	Number  9 ES3059 10 ES3060 11 ES3061 12 ES3062 13 ES3063 14 ES3064 15 ES3065 16 ES3066 150x150 mm
























### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparant Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.

## ESCAPE ROUTE SIGNS

<b>Letter A</b>  <b>ES3070</b> 150x150 mm	<b>Letter B</b>  <b>ES3071</b> 150x150 mm	<b>Letter C</b>  <b>ES3072</b> 150x150 mm	<b>Letter D</b>  <b>ES3073</b> 150x150 mm
<b>Letter E</b>  <b>ES3074</b> 150x150 mm	<b>Letter F</b>  <b>ES3075</b> 150x150 mm	<b>Letter G</b>  <b>ES3076</b> 150x150 mm	<b>Letter H</b> <b>ES3077</b> <b>I</b> <b>ES3078</b> <b>J</b> <b>ES3079</b> <b>K</b> <b>ES3080</b> <b>L</b> <b>ES3081</b> <b>M</b> <b>ES3082</b> 150x150 mm
<b>Doorhandle arrow right</b>  <b>ES5020</b> 80x120 mm	<b>Doorhandle arrow left</b>  <b>ES5021</b> 80x120 mm	<b>WT doorhandle open right</b>  <b>ES5022</b> 100x200 mm	<b>WT doorhandle open left</b>  <b>ES5023</b> 100x200 mm
<b>Escape hatch open right</b>  <b>ES5024</b> 200x75 mm	<b>Escape hatch open left</b>  <b>ES5025</b> 200x75 mm		
<b>Push door to open</b>  <b>ES5027</b> 100x100 mm	<b>Pull door to open</b>  <b>ES5028</b> 100x100 mm	<b>Primary escape route ISO 17631</b>  <b>ES5051</b> 150x150 mm ISSA 4756070 IMPA 336070	<b>Secondary escape route ISO 17631</b>  <b>ES5052</b> 150x150 mm ISSA 4756071 IMPA 336071
<b>Doorhandle sign right</b>  <b>ES5055</b> 75x200 mm	<b>Doorhandle sign left</b>  <b>ES5056</b> 75x200 mm	<b>Doorhandle ass. st. sign right</b>  <b>ES5057</b> 75x200 mm	<b>Doorhandle ass. st. sign left</b>  <b>ES5058</b> 75x200 mm
<b>Escape door marking plate</b>  <b>ES5075</b> 600x250 mm 750x300 mm 850x340 mm	<b>Watertight door</b>  <b>ES5080</b> 150x150 mm		

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## ESCAPE ROUTE SIGNS

Lifeboat forward left



ES5101 ISSA 4754300  
300x100 mm IMPA 334300

Lifeboat forward right



ES5102 ISSA 4754301  
300x100 mm IMPA 334301

Lifeboat upstairs left



ES5103 ISSA 4754302  
300x100 mm IMPA 334302

Lifeboat upstairs right



ES5104 ISSA 4754303  
300x100 mm IMPA 334303

Lifeboat to the left



ES5105 ISSA 4754304  
300x100 mm IMPA 334304

Lifeboat to the right



ES5106 ISSA 4754305  
300x100 mm IMPA 334305

Lifeboat downstairs left



ES5107 ISSA 4754306  
300x100 mm IMPA 334306

Lifeboat downstairs right



ES5108 ISSA 4754307  
300x100 mm IMPA 334307

Lifeboat downwards left



ES5109 ISSA 4754308  
300x100 mm IMPA 334308

Lifeboat downwards right



ES5110 ISSA 4754309  
300x100 mm IMPA 334309

Assembly station forward left



ES5111 ISSA 4754320  
300x100 mm IMPA 334320

Assembly station forward right



ES5112 ISSA 4754321  
300x100 mm IMPA 334321

Assembly station upstairs left



ES5113 ISSA 4754322  
300x100 mm IMPA 334322

Assembly station upstairs right



ES5114 ISSA 4754323  
300x100 mm IMPA 334323

Assembly station to the left



ES5115 ISSA 4754324  
300x100 mm IMPA 334324

Assembly station to the right



ES5116 ISSA 4754325  
300x100 mm IMPA 334325

Assembly station downstairs left



ES5117 ISSA 4754326  
300x100 mm IMPA 334326

Assembly station downstairs right



ES5118 ISSA 4754327  
300x100 mm IMPA 334327

Assembly station downwards left



ES5119 ISSA 4754328  
300x100 mm IMPA 334328

Assembly station downwards right



ES5120 ISSA 4754329  
300x100 mm IMPA 334329

Refuge point disabled left



ES5125  
300x100 mm

Refuge point disabled right



ES5126  
300x100 mm

Refuge point keep clear



ES5127 ISSA 4754821  
300x100 mm IMPA 334821



## ESCAPE ROUTE SIGNS

Exit left hand



ES5128      ISSA 4754410  
300x150 mm      IMPA 334410

Exit right hand



ES5129      ISSA 4754411  
300x150 mm      IMPA 334411

Exit forward left



ES5130      ISSA 4754400  
450x150 mm      IMPA 334400

Exit forward right



ES5131      ISSA 4754401  
450x150 mm      IMPA 334401

Exit upstairs left



ES5132      ISSA 4754402  
450x150 mm      IMPA 334402

Exit upstairs right



ES5133      ISSA 4754403  
450x150 mm      IMPA 334403

Exit to the left



ES5134      ISSA 4754404  
450x150 mm      IMPA 334404

Exit to the right



ES5135      ISSA 4754405  
450x150 mm      IMPA 334405

Exit downstairs left



ES5136      ISSA 4754406  
450x150 mm      IMPA 334406

Exit downstairs right



ES5137      ISSA 4754407  
450x150 mm      IMPA 334407

Exit down



ES5138      ISSA 4754408  
450x150 mm      IMPA 334408

Exit down



ES5139      ISSA 4754409  
450x150 mm      IMPA 334409

Exit lefthand



ES5140      ISSA 4754410  
450x150 mm      IMPA 334410

Exit righthand



ES5141      ISSA 4754411  
450x150 mm      IMPA 334411

Emergency exit only right



ES5142      ISSA 4754413  
450x150 mm      IMPA 334413

Emergency exit only left



ES5143      ISSA 4754412  
450x150 mm      IMPA 334412

Emergency exit forward left



ES5150  
450x150 mm

Emergency exit forward right



ES5151  
450x150 mm

Emergency exit upstairs left



ES5152  
450x150 mm

Emergency exit upstairs right



ES5153  
450x150 mm

Emergency exit to the left



ES5154  
450x150 mm

Emergency exit to the right



ES5155  
450x150 mm

Emergency exit downstairs left



ES5156  
450x150 mm

Emergency exit downstairs right



ES5157  
450x150 mm

Emergency exit downwards left



ES5158  
450x150 mm

Emergency exit downwards right



ES5159  
450x150 mm





## ESCAPE ROUTE SIGNS

Slide right to open



ES5201 ISSA 4754483  
450x150 mm IMPA 334483

Slide left to open



ES5202 ISSA 4754482  
450x150 mm IMPA 334482

Escape ladder



ES5211 ISSA 4754188  
450x150 mm IMPA 334188

Helideck



ES5212 ISSA 4754189  
450x150 mm IMPA 334189

Suppl. text escape route



ES5301 ISSA 4754340  
450x150 mm IMPA 334340

Suppl. text escape door



ES5302 ISSA 4754343  
450x150 mm IMPA 334343

Suppl. text escape window



ES5303 ISSA 4754344  
450x150 mm IMPA 334344

Suppl. text escape hatch



ES5304 ISSA 4754342  
450x150 mm IMPA 334342

Suppl. text deck



ES5305 ISSA 4754470  
400x150 mm IMPA 3345470

Suppl. text stairway



ES5306 ISSA 4754417  
400x150 mm IMPA 334471

Suppl. text wheelhouse



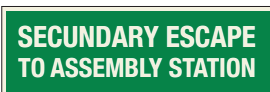
ES5307  
300x100 mm

Suppl. text Primary escape to assembly station



ES5308  
400x150 mm

Suppl. text Secondary escape to assembly station



ES5309  
400x150 mm

Suppl. text EXIT



ES5310  
150x150 mm  
ISSA 4754425  
IMPA 334425

Suppl. text EXIT



ES5311  
300x150 mm

Suppl. text EXIT emergency use only



ES5312  
150x150 mm  
ISSA 4754424  
IMPA 334424

Suppl. text EXIT emergency use only



ES5313 ISSA 4754424  
300x150 mm IMPA 334424

Suppl. text EMERGENCY EXIT



ES5314  
150x150 mm  
ISSA 4754424  
IMPA 334424

Suppl. text EMERGENCY EXIT



ES5315  
300x150 mm

Suppl. text Emergency exit



ES5316  
150x50 mm

Suppl. text Assembly station



ES5317  
300x150 mm

Suppl. text EXIT secondary escape



ES5318  
300x150 mm

### ALL SYMBOLS ARE AVAILABLE WITH ADDITIONAL TEXT



### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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## RESCUE SIGNS

### First aid



**RS0001**  
150x150 mm  
ISSA 4754150  
IMPA 334150

### Stretcher



**RS0002**  
150x150 mm  
ISSA 4754071  
IMPA 334071

### Safety shower



**RS0003**  
150x150 mm  
ISSA 4754145  
IMPA 334145

### Eyewash station



**RS0004**  
150x150 mm  
ISSA 4754152  
IMPA 334152

### Emergency telephone



**RS0005**  
150x150 mm  
ISSA 4754153  
IMPA 334153

### Doctor



**RS0006**  
150x150 mm  
ISSA 4754152  
IMPA 334152

### Medical grab bag



**RS0007**  
150x150 mm  
ISSA 4754135  
IMPA 334135

### AED (heart defibrillator)



**RS0008**  
150x150 mm  
ISSA 4754137  
IMPA 334137

### EEBD (em. breathing device)



**RS0009**  
150x150 mm  
ISSA 4754078  
IMPA 334078

### Oxygen resuscitator



**RS0010**  
150x150 mm  
ISSA 4754048  
IMPA 334048

### Emergency stop button



**RS0011**  
150x150 mm  
ISSA 4754154  
IMPA 335154

### Drinking water



**RS0012**  
150x150 mm

### Break to obtain access



**RS0013**  
150x150 mm  
ISSA 4754145  
IMPA 334145

### Liferaft knife



**RS0014**  
150x150 mm  
ISSA 4754152  
IMPA 334152

### Emergency hammer



**RS0015**  
150x150 mm

### Child seat detection (CPOD)



**RS0016**  
150x150 mm

### Lifebuoy



**RS0020**  
150x150 mm  
ISSA 4754056  
IMPA 334056

### Lifebuoy with line



**RS0021**  
150x150 mm  
ISSA 4754057  
IMPA 334057

### Lifebuoy with light



**RS0022**  
150x150 mm  
ISSA 4754058  
IMPA 334058

### Lifebuoy with line and light



**RS0023**  
150x150 mm  
ISSA 4754134  
IMPA 334134

### Lifebuoy with line and smoke



**RS0024**  
150x150 mm

### Lifebuoy with light and smoke



**RS0025**  
150x150 mm  
ISSA 4754059  
IMPA 334059

### Lifebuoy with light, line and smoke



**RS0026**  
150x150 mm  
ISSA 4754109  
IMPA 334109

### Shipboard general alarm



**RS0027**  
150x150 mm  
ISSA 4754155  
IMPA 334155



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## RESCUE SIGNS

### Lifejacket



**RS0028**  
150x150 mm  
ISSA 4754060  
IMPA 334060

### Child's lifejacket



**RS0029**  
150x150 mm  
ISSA 4754061  
IMPA 334061

### Infant's lifejacket



**RS0030**  
150x150 mm  
ISSA 4754080  
IMPA 334080

### Lifejacket storage quantities



**RS2004**  
450x400 mm  
Specify  
desired  
numbers

### Search and rescue transponder



**RS0031**  
150x150 mm  
ISSA 4754065  
IMPA 334065

### Survival craft distress signal



**RS0032**  
150x150 mm  
ISSA 4754066  
IMPA 334066

### Rocket parachute flare



**RS0033**  
150x150 mm  
ISSA 4754067  
IMPA 334067

### Line throwing appliance



**RS0034**  
150x150 mm  
ISSA 47554068  
IMPA 334068

### VHF portable radio



**RS0035**  
150x150 mm  
ISSA 4754063  
IMPA 334063

### EPIRB (em. position indic. radio beacon)



**RS0036**  
150x150 mm  
ISSA 4754064  
IMPA 334064

### Survival clothing



**RS0037**  
150x150 mm  
ISSA 4754062  
IMPA 334062

### Person overboard call point



**RS0038**  
150x150 mm

### Evacuation mattress



**RS0039**  
150x150 mm

### First aid responder



**RS0040**  
150x150 mm

### Directional indicator rescue equipment



**RS0100**  
50x150 mm

### USE OF DIRECTIONAL INDICATOR



## RESCUE SIGNS

### Anti exposure suit



**RS1001**  
150x150 mm  
ISSA 4754076  
IMPA 334076

### Thermal protective aid



**RS1002**  
150x150 mm  
ISSA 4754075  
IMPA 334075

### First aid kit



**RS1003**  
150x150 mm  
ISSA 4752413  
IMPA 332413

### Shipboard smoke hood



**RS1004**  
150x150 mm  
ISSA 4754183  
IMPA 334183

### Emergency torch



**RS1005**  
150x150 mm

### Safety equipment storage



**RS1006**  
150x150 mm  
ISSA 4754184  
IMPA 334184

### Safety locker (shipboard)



**RS1007**  
150x150 mm

### First aid call point



**RS1008**  
150x150 mm  
ISSA 4754393  
IMPA 334393

### General shipboard alarm



**RS1009**  
150x150 mm  
ISSA 4754155  
IMPA 334155

### Aldis lamp



**RS1010**  
150x150 mm

### Voyage data recorder



**RS1011**  
150x150 mm  
ISSA 4754157  
IMPA 334157

### Rescue ring



**RS1012**  
150x150 mm

### Rescue basket



**RS1013**  
150x150 mm

### Jason cradle



**RS1014**  
150x150 mm

### Smoke signal



**RS1015**  
150x150 mm

### Working lifejacket



**RS1016**  
150x150 mm

### Handheld compass



**RS1017**  
150x150 mm

### Breathing apparatus



**RS1018**  
150x150 mm

### Survival hook



**RS1019**  
150x150 mm

### Hand flare



**RS1020**  
150x150 mm

### Portable gas detector



**RS1050**  
150x150 mm

### Safety locker



**RS1051**  
150x150 mm

### Helicopter crash kit



**RS1052**  
150x150 mm

### Spill kit



**RS1053**  
150x150 mm

### Emergency telephone



**RS1054**  
150x150 mm

### Safety harness



**RS1055**  
150x150 mm



## RESCUE SIGNS

### Lifejacket quantity



**RS2001**  
150x200 mm  
Specify desired numbers

### Child's lifejacket quantity



**RS2002**  
150x200 mm  
Specify desired numbers

### Infant's lifejacket quantity



**RS2003**  
150x200 mm  
Specify desired numbers

### Lifejacket storage quantities



**RS2004**  
450x400 mm  
Specify desired numbers

### Immersion suit quantity



**RS2005**  
150x200 mm  
Specify desired numbers

### EEBD quantity



**RS2006**  
150x200 mm  
Specify desired numbers

### AED heart defibrillator



**RS2010**  
150x200 mm

### Protective mask



**RS2011**  
150x200 mm

### Close proximity suit



**RS2012**  
150x200 mm

### Break glass to open escape door



**RS2013**  
150x200 mm

### Emergency stop



**RS2014**  
150x200 mm

### Emergency unlocking escape door



**RS2015**  
150x200 mm

### Abandon platform



**RS2016**  
150x200 mm

### Emergency stop extinguishing system



**RS2017**  
150x200 mm

### Immersion suit storage



**RS3001**  
150x150 mm  
ISSA 4754062  
IMPA 334062  
Specify desired numbers

### Lifejacket storage



**RS3002**  
150x150 mm  
ISSA 4754060  
IMPA 334060  
Specify desired numbers

### Child's lifejacket storage



**RS3003**  
150x150 mm  
ISSA 4754061  
IMPA 334061  
Specify desired numbers

### Infant's lifejacket storage



**RS3004**  
150x150 mm  
ISSA 4754142  
IMPA 334142  
Specify desired numbers



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## RESCUE SIGNS

### First aid



RS5001 ISSA 4754171  
300x100 mm IMPA 334171

### Emergency eye wash



RS5002 ISSA 4754177  
300x100 mm IMPA 334177

### Stretcher



RS5003 ISSA 4754172  
300x100 mm IMPA 334172

### Emergency shower



RS5004 ISSA 4754176  
300x100 mm IMPA 334176

### Emergency telephone



RS5005 ISSA 4754178  
300x100 mm IMPA 334178

### Emergency stop



RS5006 ISSA 4754179  
300x100 mm IMPA 334179

### Protective equipment



RS5007 ISSA 4754174  
300x100 mm IMPA 334174

### Safe for entry



RS5008 ISSA 4754175  
300x100 mm IMPA 334175

### Safety equipment



RS5009 ISSA 4754184  
300x100 mm IMPA 334184

### Smoking area



RS5010 ISSA 4754185  
300x100 mm IMPA 334185

### Eating and drinking area



RS5011 ISSA 4754186  
300x100 mm IMPA 334186

### Pollution control equipment



RS5012  
300x100 mm

### Drinking water



RS5013 ISSA 4754180  
300x100 mm IMPA 334180

### Breathing apparatus



RS5014 ISSA 4754182  
300x100 mm IMPA 334182

### Emergency equipment



RS5015 ISSA 4754173  
300x100 mm IMPA 334173

### Medical grab bag



RS5016  
300x100 mm

### Defibrillator



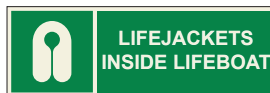
RS5017 ISSA 4754137  
300x100 mm IMPA 334137

### Lifejacket



RS5018  
300x100 mm

### Lifejackets inside lifeboat



RS5019  
300x100 mm

### Lifejackets under seat



RS5020  
300x100 mm

### EEBD



RS5021  
300x100 mm

### Escape set



RS5022  
300x100 mm

### Smoke hood



RS5023  
300x100 mm

### Immersion suit



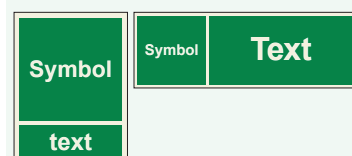
RS5024  
300x100 mm

### Break glass in emergency



RS5025 ISSA 4754187  
300x100 mm IMPA 334187

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## FIRE FIGHTING SIGNS

### Fire extinguisher



**FS0001**  
150x150 mm  
50x50 mm  
ISSA 4756100  
IMPA 336100

### Fire alarm call point



**FS0002**  
150x150 mm  
50x50 mm  
ISSA 4756101  
IMPA 336101

### Fire hose reel



**FS0003**  
150x150 mm  
50x50 mm  
ISSA 4756102  
IMPA 336102

### Unconnected empty fire hose



**FS0004**  
150x150 mm  
50x50 mm  
ISSA 4756088  
IMPA 336088

### Fire emergency telephone



**FS0005**  
150x150 mm  
ISSA 4756104  
IMPA 336104

### Collection of firefighting equipment



**FS0006**  
150x150 mm  
ISSA 4756103  
IMPA 336103

### Fire blanket



**FS0007**  
150x150 mm

### Fire protection door



**FS0008**  
150x150 mm

### Fixed fire extinguishing battery



**FS0009**  
150x150 mm  
ISSA 4756048  
IMPA 336048

### Wheeled fire extinguishing



**FS0010**  
150x150 mm

### Portable foam applicator unit



**FS0011**  
150x150 mm  
ISSA 4756036  
IMPA 336036

### Water fog applicator



**FS0012**  
150x150 mm  
ISSA 4756024  
IMPA 336024

### Fixed fire extinguishing installation



**FS0013**  
150x150 mm  
ISSA 4756044  
IMPA 336044

### Fixed fire extinguishing bottle



**FS0014**  
150x150 mm

### Remote release station



**FS0015**  
150x150 mm  
ISSA 4756808  
IMPA 336808

### Fire monitor



**FS0016**  
150x150 mm

### Fire alarm flashing light



**FS0017**  
150x150 mm

### Firefighter's lift



**FS0018**  
150x150 mm

### Directional indicator fire equipment

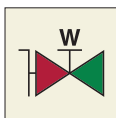


**FS0030**  
50x150 mm  
ISSA 4756210  
IMPA 336210

### USE DIRECTIONAL INDICATOR



### Fire hydrant



**FC0048**  
150x150 mm  
ISSA 4756815  
IMPA 336815

### Dry hydrant



**FS0201**  
150x150 mm

### Fire hydrant



**FS0202**  
150x150 mm

### Underground fire hydrant



**FS0203**  
150x150 mm

### Removable fire monitor



**FS0204**  
150x150 mm

### Remote control fire extinguish system



**FS0205**  
150x150 mm

### Hose box with nozzle



**FS0206**  
150x150 mm

### Fire fighter



**FS0207**  
150x150 mm

### Fire alarm horn



**FS0208**  
150x150 mm

### ALSO AVAILABLE AS A PANORAMIC SIGN



# FIRE FIGHTING SIGNS

## SUPPLEMENTARY COLOURS ACCORDING ISO 17631

Supplementary sign CO2  <b>FS1001</b> 50x150 mm	Supplementary sign Foam  <b>FS1002</b> 50x150 mm	Supplementary sign Halon  <b>FS1003</b> 50x150 mm	Supplementary sign Nitrogen  <b>FS1004</b> 50x150 mm
Supplementary sign Powder  <b>FS1005</b> 50x150 mm	Supplementary sign Water  <b>FS1006</b> 50x150 mm	Supplementary sign Novec 1230  <b>FS1007</b> 50x150 mm	Supplementary sign Aerosol  <b>FS1008</b> 50x150 mm
Supplementary sign Inergen  <b>FS1009</b> 50x150 mm	Suppl. sign Drenching/Deluge  <b>FS1010</b> 50x150 mm	Supplementary sign Sprinkler  <b>FS1011</b> 50x150 mm	Supplementary sign Watermist  <b>FS1012</b> 50x150 mm
Supplementary sign CO2  <b>FS1051</b> 150x50 mm	Supplementary sign Foam  <b>FS1052</b> 150x50 mm	Supplementary sign Nitrogen  <b>FS1054</b> 150x50 mm	Supplementary sign Powder  <b>FS1055</b> 150x50 mm
Supplementary sign Water  <b>FS1056</b> 150x50 mm	Supplementary sign Novec 1230  <b>FS1057</b> 150x50 mm	Supplementary sign Aerosol  <b>FS1058</b> 150x50 mm	Supplementary sign Inergen  <b>FS1059</b> 150x50 mm
Suppl. sign Drenching/Deluge  <b>FS1060</b> 150x50 mm	Supplementary sign Sprinkler  <b>FS1061</b> 150x50 mm	Supplementary sign Watermist  <b>FS1062</b> 150x50 mm	
Supplementary sign CO2 ..kg  <b>FS1151</b> 150x50 mm	Supplementary sign Foam ..L  <b>FS1152</b> 150x50 mm	Supplementary sign Powder ..kg  <b>FS1155</b> 150x50 mm	Supplementary sign water ..L  <b>FS1156</b> 150x50 mm

ON REQUEST THESE SUPPLEMENTARY SIGNS CAN BE COMBINED WITH A FIREFIGHTING SIGN AS ONE PIECE

## ACCORDING TO ISO 24409-2 AND ISO 17631

Grey – CO2 or N (Nitrogen)  
Yellow – F (Foam)  
Brown – Gas other than CO2 or N, type of gas need to be indicated

White – P (Powder)  
Green – W (Water) or D (Drenching/Deluge)  
Orange – S (Sprinkler or high pressure water, such as watermist)



## FIRE FIGHTING SIGNS

### Fire extinguisher



**FS2001**  
150x200 mm  
ISSA 4756120  
IMPA 336120

### Fire alarm



**FS2002**  
150x200 mm  
ISSA 4756121  
IMPA 336121

### Fire hose reel



**FS2003**  
150x200 mm  
ISSA 4756122  
IMPA 336122

### Fire hose with nozzle



**FS2004**  
150x200 mm

### Fire phone



**FS2005**  
150x200 mm  
ISSA 4756124  
IMPA 336124

### Fire point



**FS2006**  
150x200 mm  
ISSA 4756123  
IMPA 336123

### Emergency shutdown



**FS2007**  
150x200 mm

### General alarm



**FS2009**  
150x200 mm

### Text on request



**FS2010**  
150x200 mm

### Fire door



**FS2013**  
150x200 mm

### Fire door keep closed



**FS2014**  
150x200 mm

### Release station deluge



**FS2011**  
150x200 mm

### Text on request



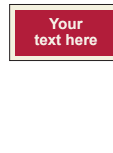
**FS2012**  
150x200 mm

### Supplementary text Fire extinguisher



**FS2050**  
150x50 mm

### Supplementary text on request



**FS2051**  
150x50 mm



## FIRE FIGHTING SIGNS

<b>Number 0</b>  <b>FS3000</b> 75x150 mm ISSA 4756250 IMPA 336250	<b>Number 1</b>  <b>FS3001</b> 75x150 mm ISSA 4756251 IMPA 336251	<b>Number 2</b>  <b>FS3002</b> 75x150 mm ISSA 4756252 IMPA 336252	<b>Number 3</b>  <b>FS3003</b> 75x150 mm ISSA 4756253 IMPA 336253
<b>Number 4</b>  <b>FS3004</b> 75x150 mm ISSA 4756254 IMPA 336254	<b>Number 5</b>  <b>FS3005</b> 75x150 mm ISSA 4756255 IMPA 336255	<b>Number 6</b>  <b>FS3006</b> 75x150 mm ISSA 4756256 IMPA 336256	<b>Number 7</b>  <b>FS3007</b> 75x150 mm ISSA 4756257 IMPA 336257
<b>Number 8</b>  <b>FS3008</b> 75x150 mm ISSA 4756258 IMPA 336258	<b>Number 9</b>  <b>FS3009</b> 75x150 mm ISSA 4756259 IMPA 336259		
<b>Fire hose reel</b>  <b>FS5001</b> ISSA 4756145 300x100 mm IMPA 336145	<b>Fire hose with nozzle</b>  <b>FS5002</b> ISSA 4756143 300x100 mm IMPA 336143	<b>In case of fire break glass</b>  <b>FS5003</b> ISSA 4756141 300x100 mm IMPA 336141	<b>Fire alarm</b>  <b>FS5004</b> ISSA 4756142 300x100 mm IMPA 336142
<b>Fire alarm call point</b>  <b>FS5005</b> ISSA 4756150 300x100 mm IMPA 336150	<b>Fire blanket</b>  <b>FS5006</b> ISSA 4756153 300x100 mm IMPA 336153	<b>Fire hydrant</b>  <b>FS5007</b> ISSA 4756147 300x100 mm IMPA 336147	<b>Sprinkler control valve</b>  <b>FS5008</b> ISSA 4756164 300x100 mm IMPA 336164
<b>Fire extinguisher</b>  <b>FS5009</b> ISSA 4756149 300x100 mm IMPA 336149	<b>Fire equipment stored inside</b>  <b>FS5010</b> ISSA 4756151 300x100 mm IMPA 336151	<b>Fire point</b>  <b>FS5011</b> ISSA 4756152 300x100 mm IMPA 336152	<b>For use on flammable liquid</b>  <b>FS5012</b> ISSA 4756153 300x100 mm IMPA 336153
<b>For use on electrical fires</b>  <b>FS5013</b> ISSA 4756165 300x100 mm IMPA 336165	<b>For use on any fires</b>  <b>FS5014</b> ISSA 4756151 300x100 mm IMPA 336151	<b>Used only in case of fire</b>  <b>FS5015</b> ISSA 4756151 300x100 mm IMPA 336151	<b>Sprinkler stop valve</b>  <b>FS5016</b> ISSA 4756152 300x100 mm IMPA 336152

### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.



# FIRE FIGHTING SIGNS

Open valve before running out hose



FS5017 ISSA 4756146  
300x100 mm IMPA 336146

Foam inlet



FS5019 ISSA 4756155  
300x100 mm IMPA 336155

Fireman's suit



FS5020 ISSA 4756158  
300x100 mm IMPA 336158

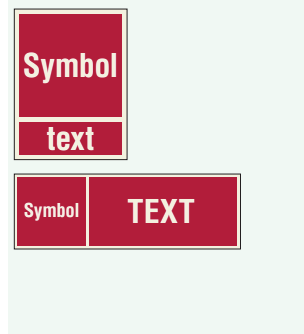
Fire pump start button



FS5021 ISSA 4756159  
300x100 mm IMPA 336159



ALL SYMBOLS AVAILABLE WITH ADDITIONAL TEXT



Fire blanket



FS6001  
100x200 mm  
ISSA 4756434  
IMPA 336434

Water extinguisher



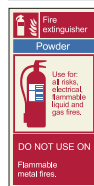
FS6002  
100x200 mm  
ISSA 4756430  
IMPA 336430

Foam extinguisher



FS6003  
100x200 mm  
ISSA 4756431  
IMPA 336431

Powder extinguisher



FS6004  
100x200 mm  
ISSA 4756432  
IMPA 336432

CO<sup>2</sup> extinguisher

FS6005  
100x200 mm  
ISSA 4756433  
IMPA 336433

Water



FS6050  
80x200 mm

Foam spray



FS6051  
80x200 mm

Dry powder



FS6052  
80x200 mm

BC powder

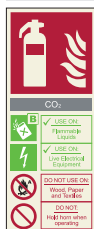


FS6053  
80x200 mm

Powder M28



FS6054  
80x200 mm

CO<sub>2</sub>

FS6055  
80x200 mm

CO<sub>2</sub>

FS6056  
80x200 mm

Fire hose



FS6057  
80x200 mm

Fire hose reel



FS6058  
80x200 mm

Wet chemical



FS6059  
80x200 mm

Hydro-spray



FS6060  
80x200 mm

Extinguisher backplate



FS6101  
300x870 mm



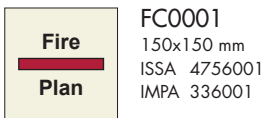




# FIRE CONTROL SIGNS

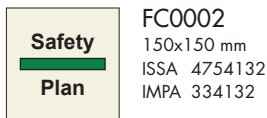
According to ISO 24409-2 and ISO 17631

## Fire control plan



**FC0001**  
150x150 mm  
ISSA 4756001  
IMPA 336001

## Safety Plan



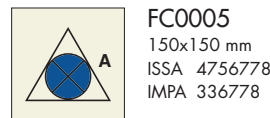
**FC0002**  
150x150 mm  
ISSA 4754132  
IMPA 334132

## Fire and safety plan

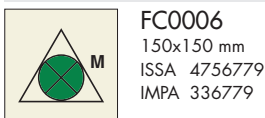


**FC0003**  
150x150 mm  
ISSA 4756013  
IMPA 336013

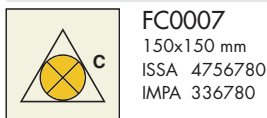
## Remote vent. shut-off accom.



## Remote vent. shut-off mach'n spaces



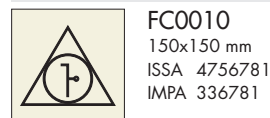
## Remote vent. shut-off cargo spaces



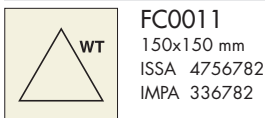
## Remote ventilaton shutoff



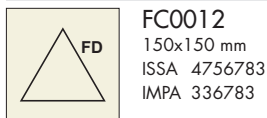
## Remote control for skylight



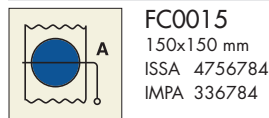
## Remote control for watertight doors



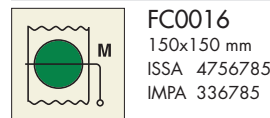
## Remote control for fire doors



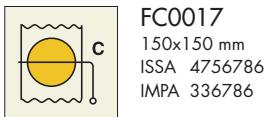
## Fire damper accommodation



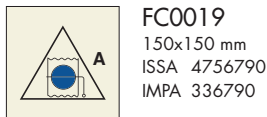
## Fire damper machinery space



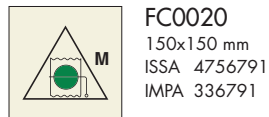
## Fire damper cargo space



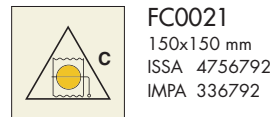
## Rmt. control fire dampers accom.



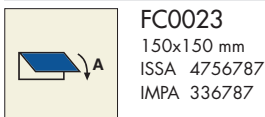
## Rmt. control fire dampers mach'n space



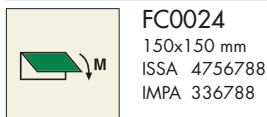
## Rmt. control fire dampers cargo space



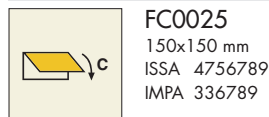
## Closing device ventilation accom.



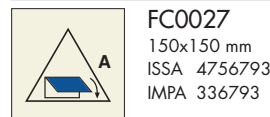
## Closing device vent. mach'n spaces



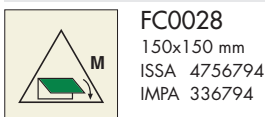
## Closing device ventilation cargo spaces



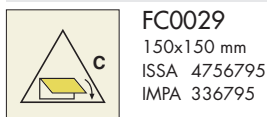
## Rmt. control cl. device accom.



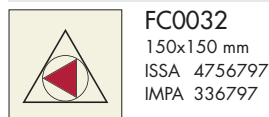
## Rmt. control cl. device mach'n spaces



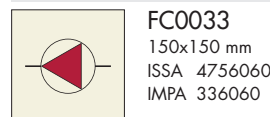
## Rmt. control cl. device cargo spaces



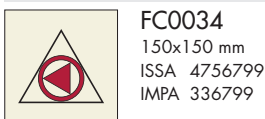
## Remote control fire pumps



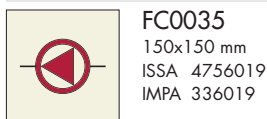
## Fire pump



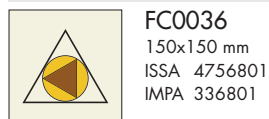
## Remote control emergency fire pump



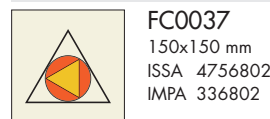
## Emergency fire pump



## Remote shut-off fuel pumps



## Remote shut-off lube oil pumps



## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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# **FIRE CONTROL SIGNS**

According to ISO 24409-2 and ISO 17631

## Remote control bilge pump(s)



**FC0038**  
150x150 mm  
ISSA 4756803  
IMPA 336803

## Remote control emergency bilge pump



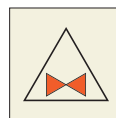
**FC0039**  
150x150 mm  
ISSA 4756804  
IMPA 336804

## Remote control fuel oil valves



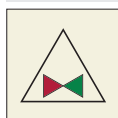
**FC0042**  
150x150 mm  
ISSA 4756805  
IMPA 336805

## Remote control lube oil valves



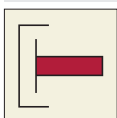
**FC0043**  
150x150 mm  
ISSA 4756806  
IMPA 336806

## Remote control for fire pump valves



**FC0044**  
150x150 mm  
ISSA 4756807  
IMPA 336807

## International shore connection



**FC0047**  
150x150 mm  
ISSA 4756059  
IMPA 336059

## Fire hydrant



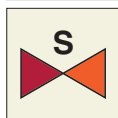
**FC0048**  
150x150 mm  
50x50 mm  
ISSA 4756815  
IMPA 336815

## Fire main section valve



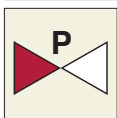
**FC0049**  
150x150 mm  
ISSA 4756818  
IMPA 336818

## Sprinkler section valve



**FC0050**  
150x150 mm  
ISSA 4756819  
IMPA 336819

## Powder section valve



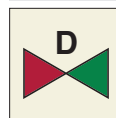
**FC0051**  
150x150 mm  
ISSA 4756817  
IMPA 336817

## Foam section valve



**FC0052**  
150x150 mm  
ISSA 4756816  
IMPA 336816

## Drenching section valve



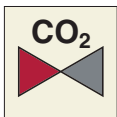
**FC0053**  
150x150 mm  
ISSA 4756029  
IMPA 336029

## Watermist section valve



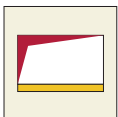
**FC0054**  
150x150 mm

## CO<sub>2</sub> section valve



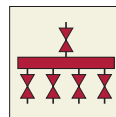
**FC0055**  
150x150 mm

## High expansion foam supply trunk



**FC0056**  
150x150 mm  
ISSA 4756838  
IMPA 336838

## Water spray system valves



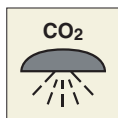
**FC0057**  
150x150 mm  
ISSA 4756027  
IMPA 336027



## FIRE CONTROL SIGNS

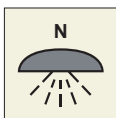
According to ISO 24409-2 and ISO 17631

### Space protected by CO<sub>2</sub> system



**FC0060**  
150x150 mm  
ISSA 4756007  
IMPA 336007

### Space protected by nitrogen system



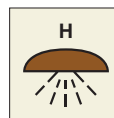
**FC0061**  
150x150 mm  
ISSA 4756877  
IMPA 336877

### Space protected by foam system



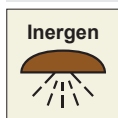
**FC0062**  
150x150 mm  
ISSA 4756016  
IMPA 336016

### Space protected by halon system



**FC0063**  
150x150 mm  
ISSA 4756011  
IMPA 336011

### Space protected by inergen system



**FC0064**  
150x150 mm

### Space protected by aerosol system



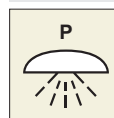
**FC0065**  
150x150 mm

### Space protected by NOVEC system



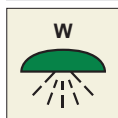
**FC0066**  
150x150 mm

### Space protected by powder system



**FC0068**  
150x150 mm

### Space protected by water system



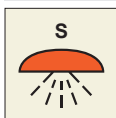
**FC0069**  
150x150 mm

### Space protected by watermist system



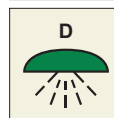
**FC0070**  
150x150 mm

### Space protected by sprinkler system



**FC0071**  
150x150 mm  
ISSA 4756045  
IMPA 336045

### Space prot. by drenching/deluge system



**FC0072**  
150x150 mm  
ISSA 4756028  
IMPA 336028

### Space protected by Hi Fog system



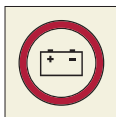
**FC0073**  
150x150 mm

### Emergency generator



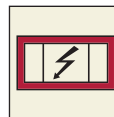
**FC0076**  
150x150 mm  
ISSA 4756076  
IMPA 336076

### Emergency battery



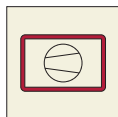
**FC0077**  
150x150 mm  
ISSA 4756887  
IMPA 336887

### Emergency switchboard



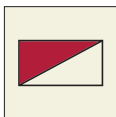
**FC0078**  
150x150 mm  
ISSA 4756077  
IMPA 336077

### Breathing air compressor



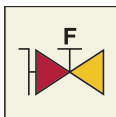
**FC0079**  
150x150 mm  
ISSA 4756869  
IMPA 336869

### Fire alarm panel



**FC0080**  
150x150 mm  
ISSA 4756043  
IMPA 336870

### Fire hydrant foam



**FC0081**  
150x150 mm

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES


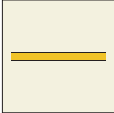

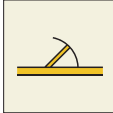
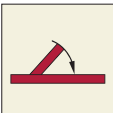
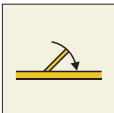

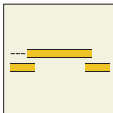
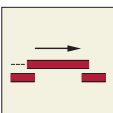
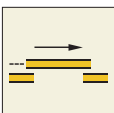
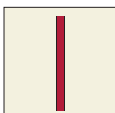
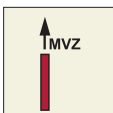
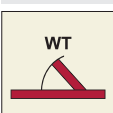
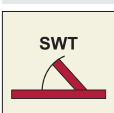
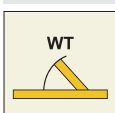
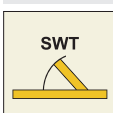
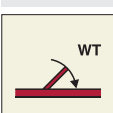
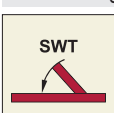
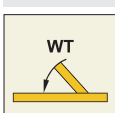
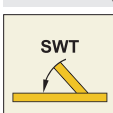
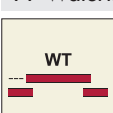
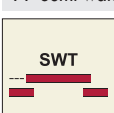
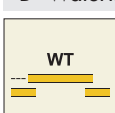
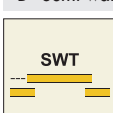
Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparant Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.

# FIRE CONTROL SIGNS

According to ISO 17631

<b>A-class division</b>  <b>FC2001</b> 150x150 mm ISSA 4756031 IMPA 336031	<b>B-class division</b>  <b>FC2002</b> 150x150 mm ISSA 4756037 IMPA 336037	<b>A-class hinged fire door</b>  <b>FC2003</b> 150x150 mm ISSA 4756032 IMPA 336032	<b>B-class hinged fire door</b>  <b>FC2004</b> 150x150 mm ISSA 4756038 IMPA 336038
<b>A-class hinged self closing fire door</b>  <b>FC2005</b> 150x150 mm ISSA 4756033 IMPA 336033	<b>B-class hinged self closing fire door</b>  <b>FC2006</b> 150x150 mm ISSA 4756039 IMPA 336039	<b>A-class sliding fire door</b>  <b>FC2007</b> 150x150 mm ISSA 4756034 IMPA 336034	<b>B-class sliding fire door</b>  <b>FC2008</b> 150x150 mm ISSA 4756040 IMPA 336040
<b>A-class self closing sliding fire door</b>  <b>FC2009</b> 150x150 mm ISSA 4756035 IMPA 336035	<b>B-class self closing sliding fire door</b>  <b>FC2010</b> 150x150 mm ISSA 4756041 IMPA 336041	<b>Main vertical zone division</b>  <b>FC2125</b> 150x150 mm ISSA 4756753 IMPA 336753	<b>Main vertical zone</b>  <b>FC2126</b> 150x150 mm ISSA 4756042 IMPA 336042
<b>"A" Watertight fire door</b>  <b>FC2127</b> 150x150 mm ISSA 4756755 IMPA 336755	<b>"A" Semi-watertight fire door</b>  <b>FC2128</b> 150x150 mm ISSA 4756756 IMPA 336756	<b>"B" Watertight fire door</b>  <b>FC2129</b> 150x150 mm ISSA 4756758 IMPA 336758	<b>"B" Semi-watertight fire door</b>  <b>FC2130</b> 150x150 mm ISSA 4756759 IMPA 336759
<b>"A" Self closing watertight fire door</b>  <b>FC2131</b> 150x150 mm ISSA 4756761 IMPA 336761	<b>"A" Self closing semi-watertight fire door</b>  <b>FC2132</b> 150x150 mm ISSA 4756762 IMPA 336762	<b>"B" Self closing watertight fire door</b>  <b>FC2133</b> 150x150 mm ISSA 4756764 IMPA 336764	<b>"B" Self closing semi-watertight fire door</b>  <b>FC2134</b> 150x150 mm ISSA 4756765 IMPA 336765
<b>"A" Watertight sliding fire door</b>  <b>FC2135</b> 150x150 mm ISSA 4756767 IMPA 336767	<b>"A" Semi-watertight sliding fire door</b>  <b>FC2136</b> 150x150 mm ISSA 4756768 IMPA 336768	<b>"B" Watertight sliding fire door</b>  <b>FC2137</b> 150x150 mm ISSA 4756770 IMPA 336770	<b>"B" Semi-watertight sliding fire door</b>  <b>FC2138</b> 150x150 mm ISSA 4756771 IMPA 336771

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparant Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.



# FIRE CONTROL SIGNS

According to ISO 17631

"A" Self closing sl watertight fire door



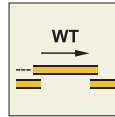
**FC2139**  
150x150 mm  
ISSA 4756773  
IMPA 336773

"A" Self cl. sl. semi-watertight fire door



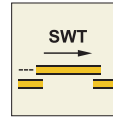
**FC2140**  
150x150 mm  
ISSA 4756774  
IMPA 336774

"B" Self closing sl watertight fire door



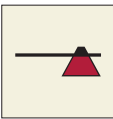
**FC2141**  
150x150 mm  
ISSA 4756776  
IMPA 336776

"B" Self cl. sl. semi-watertight fire door



**FC2142**  
150x150 mm  
ISSA 4756777  
IMPA 336777

Fire axe



**FC2072**  
150x150 mm  
ISSA 4756026  
IMPA 336026

Smoke detector



**FC2073**  
150x150 mm  
ISSA 4756056  
IMPA 336056

Heat detector



**FC2074**  
150x150 mm  
ISSA 4756061  
IMPA 336061

Flame detector



**FC2075**  
150x150 mm  
ISSA 4756875  
IMPA 336875

Gas detector



**FC2076**  
150x150 mm  
ISSA 4756062  
IMPA 336062

Heat and smoke detector



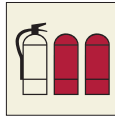
**FC2077**  
150x150 mm

Spare charges fire extinguisher



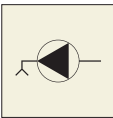
**FC2078**  
150x150 mm  
ISSA 4756715  
IMPA 336715

Refills fire extinguisher



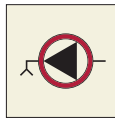
**FC2079**  
150x150 mm

Bilge pump



**FC2090**  
150x150 mm  
ISSA 4756021  
IMPA 336021

Emergency bilge pump



**FC2091**  
150x150 mm  
ISSA 4756022  
IMPA 336022

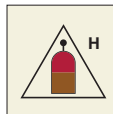

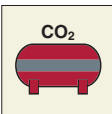
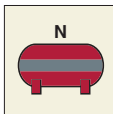
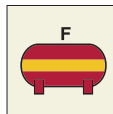
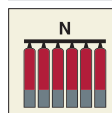
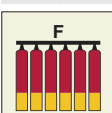
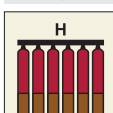
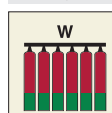
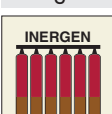
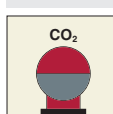
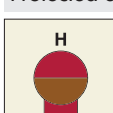
Locker breathing apparatus



**FC2092**  
150x150 mm  
ISSA 4756068  
IMPA 336068

## FIRE CONTROL SIGNS

According to IMO A.1116(30) the signs of this page are only for use onboard vessels build before 2019.

<b>Remote release station CO<sub>2</sub></b>  <b>FC2012</b> 150x150 mm ISSA 4756808 IMPA 336808	<b>Remote release station nitrogen</b>  <b>FC2013</b> 150x150 mm ISSA 4756809 IMPA 336809	<b>Remote release station halon</b>  <b>FC2014</b> 150x150 mm ISSA 4756810 IMPA 336810	<b>Remote release station powder</b>  <b>FC2015</b> 150x150 mm ISSA 4756812 IMPA 336812
<b>Remote release station water</b>  <b>FC2016</b> 150x150 mm ISSA 4756813 IMPA 336813	<b>Remote release station foam</b>  <b>FC2017</b> 150x150 mm ISSA 4756811 IMPA 336811	<b>Remote release station inergen</b>  <b>FC2018</b> 150x150 mm ISSA 4756808 IMPA 336808	<b>Remote release station aerosol</b>  <b>FC2019</b> 150x150 mm
<b>Fixed fire ext. inst. CO<sub>2</sub></b>  <b>FC2021</b> 150x150 mm ISSA 4756820 IMPA 336820	<b>Fixed fire ext. inst. nitrogen</b>  <b>FC2022</b> 150x150 mm ISSA 4756821 IMPA 336821	<b>Fixed fire ext. inst. foam</b>  <b>FC2023</b> 150x150 mm ISSA 4756823 IMPA 336823	<b>Fixed fire ext. inst. halon</b>  <b>FC2024</b> 150x150 mm ISSA 4756822 IMPA 336822
<b>Fixed fire ext. inst. powder</b>  <b>FC2025</b> 150x150 mm ISSA 4756824 IMPA 336824	<b>fixed fire ext. inst. water</b>  <b>FC2026</b> 150x150 mm ISSA 4756825 IMPA 336825	<b>Extinguishing battery CO<sub>2</sub></b>  <b>FC2027</b> 150x150 mm ISSA 4756826 IMPA 336826	<b>Extinguishing battery nitrogen</b>  <b>FC2028</b> 150x150 mm ISSA 4756827 IMPA 336827
<b>Extinguishing battery foam</b>  <b>FC2029</b> 150x150 mm ISSA 4756829 IMPA 336829	<b>Extinguishing battery halon</b>  <b>FC2030</b> 150x150 mm ISSA 4756828 IMPA 336828	<b>Extinguishing battery powder</b>  <b>FC2031</b> 150x150 mm ISSA 4756830 IMPA 336830	<b>Extinguishing battery water</b>  <b>FC2032</b> 150x150 mm ISSA 4756831 IMPA 336831
<b>Extinguishing battery inergen</b>  <b>FC2033</b> 150x150 mm ISSA 4756826 IMPA 336826	<b>Extinguishing battery aerosol</b>  <b>FC2034</b> 150x150 mm	<b>Protected ext. bottle CO<sub>2</sub></b>  <b>FC2036</b> 150x150 mm ISSA 4756832 IMPA 336832	<b>Protected ext. bottle nitrogen</b>  <b>FC2037</b> 150x150 mm ISSA 4756833 IMPA 336833
<b>Protected ext. bottle foam</b>  <b>FC2038</b> 150x150 mm ISSA 4756835 IMPA 336835	<b>Protected ext. bottle halon</b>  <b>FC2039</b> 150x150 mm ISSA 4756834 IMPA 336834	<b>Protected ext. bottle powder</b>  <b>FC2040</b> 150x150 mm ISSA 4756836 IMPA 336836	<b>Protected ext. bottle water</b>  <b>FC2041</b> 150x150 mm ISSA 4756837 IMPA 336837

## FIRE CONTROL SIGNS

According to IMO A.1116(30) the signs of this page are only for use onboard vessels build before 2019.

<b>Protected ext. bottle aerosol</b>  <b>FC2042</b> 150x150 mm	<b>Foam monitor</b>  <b>FC2044</b> 150x150 mm ISSA 4756841 IMPA 336841	<b>Powder monitor</b>  <b>FC2045</b> 150x150 mm ISSA 4756842 IMPA 336842	<b>Water monitor</b>  <b>FC2046</b> 150x150 mm ISSA 4756843 IMPA 336843
<b>Hose reel foam</b>  <b>FC2047</b> 150x150 mm ISSA 4756844 IMPA 336844	<b>Hose reel powder</b>  <b>FC2048</b> 150x150 mm ISSA 4756845 IMPA 336845	<b>Hose reel water</b>  <b>FC2049</b> 150x150 mm ISSA 4756846 IMPA 336846	<b>CO<sub>2</sub> fire extinguisher</b>  <b>FC2050</b> 150x150 mm ISSA 4756847 IMPA 336847
<b>Powder fire extinguisher</b>  <b>FC2051</b> 150x150 mm ISSA 4756850 IMPA 336850	<b>Foam fire extinguisher</b>  <b>FC2052</b> 150x150 mm ISSA 4756849 IMPA 336849	<b>Halon fire extinguisher</b>  <b>FC2053</b> 150x150 mm ISSA 4756848 IMPA 336848	<b>Water fire extinguisher</b>  <b>FC2054</b> 150x150 mm ISSA 4756851 IMPA 336851
<b>Light water fire extinguisher</b>  <b>FC2055</b> 150x150 mm ISSA 4756080 IMPA 336080	<b>Water mist fire extinguisher</b>  <b>FC2056</b> 150x150 mm	<b>Wet chemical fire extinguisher</b>  <b>FC2057</b> 150x150 mm <small>WET CHEMICAL extinguishes fire in deep fat fryers</small>	<b>CO<sub>2</sub> wheeled fire extinguisher</b>  <b>FC2060</b> 150x150 mm ISSA 4756852 IMPA 336852
<b>Foam wheeled fire extinguisher</b>  <b>FC2061</b> 150x150 mm ISSA 4756854 IMPA 336854	<b>Halon wheeled fire extinguisher</b>  <b>FC2062</b> 150x150 mm ISSA 4756853 IMPA 336853	<b>Powder wheeled fire extinguisher</b>  <b>FC2063</b> 150x150 mm ISSA 4756855 IMPA 336855	<b>Water wheeled fire extinguisher</b>  <b>FC2064</b> 150x150 mm ISSA 4756856 IMPA 336856
<b>Portable foam applicator</b>  <b>FC2066</b> 150x150 mm ISSA 4756857 IMPA 336857	<b>Water fog applicator</b>  <b>FC2067</b> 150x150 mm ISSA 4756885 IMPA 336885	<b>General alarm button or switch</b>  <b>FC2070</b> 150x150 mm ISSA 4756022 IMPA 336002	

### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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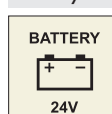
• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

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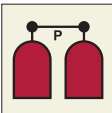
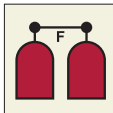
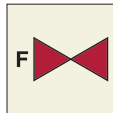
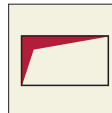

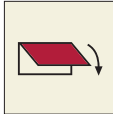
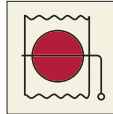

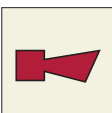
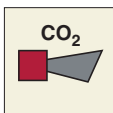
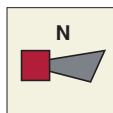
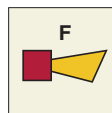
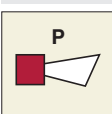



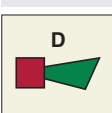
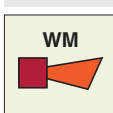
## FIRE CONTROL SIGNS

According to IMO A.1116(30) the signs of this page are only for use onboard vessels build before 2019.

<b>Control station</b>  <b>FC2080</b> 150x150 mm ISSA 4756066 IMPA 336066	<b>Fire station</b>  <b>FC2081</b> 150x150 mm ISSA 4756030 IMPA 336030	<b>Fire equipment</b>  <b>FC2082</b> 150x150 mm ISSA 4756067 IMPA 336067	<b>Fire locker</b>  <b>FC2083</b> 150x150 mm ISSA 4756858 IMPA 336858
<b>Inert gas installation</b>  <b>FC2084</b> 150x150 mm ISSA 4756073 IMPA 336073	<b>Safety equipment</b>  <b>FC2085</b> 150x150 mm	<b>Heli equipment</b>  <b>FC2086</b> 150x150 mm	<b>Sprinkler</b>  <b>FC2094</b> 150x150 mm ISSA 4756045 IMPA 336045
<b>Rmt. controlled fuel/lub. oil valves</b>  <b>FC2095</b> 150x150 mm ISSA 4756065 IMPA 336065	<b>CO<sub>2</sub> release station</b>  <b>FC2097</b> 150x150 mm ISSA 4756009 IMPA 336009	<b>Halon release station</b>  <b>FC2098</b> 150x150 mm ISSA 4756049 IMPA 336049	<b>Hose box with spray / jet</b>  <b>FC2099</b> 150x150 mm ISSA 4756058 IMPA 336058
<b>Locker with add'l protective clothing</b>  <b>FC2100</b> 150x150 mm ISSA 4756069 IMPA 336069	<b>Rmt. contrll. fire pump or emergency sw</b>  <b>FC2101</b> 150x150 mm ISSA 4756020 IMPA 336020	<b>Fire main with valves</b>  <b>FC2102</b> 150x150 mm ISSA 4756057 IMPA 336057	<b>Space protected by automatic fire alarm</b>  <b>FC2103</b> 150x150 mm ISSA 4756006 IMPA 335606
<b>Emergency telephone station</b>  <b>FC2104</b> 150x150 mm ISSA 4756025 IMPA 336025	<b>Foam nozzle</b>  <b>FC2105</b> 150x150 mm ISSA 4756015 IMPA 336015	<b>Sprinkler installation</b>  <b>FC2106</b> 150x150 mm ISSA 4756044 IMPA 336044	<b>Manual call point</b>  <b>FC2107</b> 150x150 mm ISSA 4756005 IMPA 336005
<b>Monitored by detector</b>  <b>FC2108</b> 150x150 mm ISSA 4756055 IMPA 336055	<b>Wet chemical applicator</b>  <b>FC2109</b> 150x150 mm	<b>Emergency light</b>  <b>FC2111</b> 150x150 mm	<b>Battery 24V</b>  <b>FC2112</b> 150x150 mm
<b>Space protected by foam</b>  <b>FC2113</b> 150x150 mm ISSA 4756016 IMPA 336016	<b>Sprinkler horn</b>  <b>FC2114</b> 150x150 mm ISSA 4756046 IMPA 336046	<b>Remote control skylights</b>  <b>FC2115</b> 150x150 mm ISSA 4756064 IMPA 336064	<b>Powder installation</b>  <b>FC2116</b> 150x150 mm ISSA 4756051 IMPA 336051

## FIRE CONTROL SIGNS

According to IMO A.1116(30) the signs of this page are only for use onboard vessels build before 2019.

<b>Powder release station</b>  <b>FC2117</b> 150x150 mm ISSA 4756054 IMPA 336054	<b>Foam release station</b>  <b>FC2118</b> 150x150 mm ISSA 4756018 IMPA 336018	<b>Foam valve</b>  <b>FC2119</b> 150x150 mm ISSA 4756017 IMPA 336017	<b>High exp. foam suppl. trunk</b>  <b>FC2120</b> 150x150 mm ISSA 4756074 IMPA 336074
<b>Foam installation</b>  <b>FC2121</b> 150x150 mm ISSA 4756013 IMPA 336013	<b>Closing appliance ext. vent. in/out</b>  <b>FC2122</b> 150x150 mm ISSA 4756072 IMPA 336072	<b>Fire damper in vent duct</b>  <b>FC2123</b> 150x150 mm ISSA 4756063 IMPA 336063	
<b>Fire alarm</b>  <b>FC2148</b> 150x150 mm ISSA 4756004 IMPA 336004			
<b>Fire alarm horn</b>  <b>FC2149</b> 150x150 mm ISSA 4756003 IMPA 336003	<b>Alarm horn CO<sub>2</sub> system</b>  <b>FC2150</b> 150x150 mm ISSA 4756008 IMPA 336008	<b>Alarm horn nitrogen system</b>  <b>FC2151</b> 150x150 mm	<b>Alarm horn foam system</b>  <b>FC2152</b> 150x150 mm
<b>Alarm horn powder system</b>  <b>FC2153</b> 150x150 mm	<b>Alarm horn inergen system</b>  <b>FC2154</b> 150x150 mm	<b>Alarm horn novoc system</b>  <b>FC2155</b> 150x150 mm	<b>Alarm horn aerosol system</b>  <b>FC2156</b> 150x150 mm
<b>Alarm horn drenching system</b>  <b>FC2157</b> 150x150 mm	<b>Alarm horn watermist system</b>  <b>FC2158</b> 150x150 mm		

### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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## WARNING SIGNS

### General warning sign



**WS0001**  
150x150 mm  
ISSA 4757500  
IMPA 337500

### Flammable material



**WS0002**  
150x150 mm  
ISSA 4757509  
IMPA 337509

### Explosive material



**WS0003**  
150x150 mm  
ISSA 4757504  
IMPA 337504

### Toxic material



**WS0004**  
150x150 mm  
ISSA 4757506  
IMPA 337506

### Corrosive substance



**WS0005**  
150x150 mm  
ISSA 4757505  
IMPA 337505

### Oxidising substance



**WS0006**  
150x150 mm

### Substance with environmental hazard



**WS0007**  
150x150 mm

### Long term health hazard



**WS0008**  
150x150 mm  
ISSA 4757507  
IMPA 337507

### Electricity



**WS0009**  
150x150 mm  
ISSA 4757507  
IMPA 337507

### Radioactive material or ionizing radiation



**WS0010**  
150x150 mm  
ISSA 4757511  
IMPA 337511

### Biological hazard



**WS0011**  
150x150 mm  
ISSA 4757501  
IMPA 337501

### Low temperature / freezing conditions



**WS0012**  
150x150 mm

### Hot surface



**WS0013**  
150x150 mm

### Overhead load



**WS0015**  
150x150 mm

### Industrial vehicles



**WS0016**  
150x150 mm  
ISSA 4757503  
IMPA 337503

### Automatic start-up



**WS0017**  
150x150 mm

### Run over by remote operator controlled machine



**WS0018**  
150x150 mm

### Pressurized cylinder



**WS0019**  
150x150 mm

### Battery charging



**WS0020**  
150x150 mm

### Non-ionizing radiation



**WS0021**  
150x150 mm  
ISSA 4757515  
IMPA 337515



### Laser beam



**WS0022**  
150x150 mm

### Optical radiation



**WS0023**  
150x150 mm

### Magnetic field



**WS0024**  
150x150 mm

### Asphyxiation atmosphere



**WS0025**  
150x150 mm

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## WARNING SIGNS

### Sudden loud noise



WS0026  
150x150 mm

### Arc flash



WS0027  
150x150 mm

### Floor level obstacle



WS0029  
150x150 mm  
ISSA 4757508  
IMPA 337508

### Drop (fall)



WS0030  
150x150 mm

### Slippery surface



WS0031  
150x150 mm  
ISSA 4757501  
IMPA 337501

### Overhead obstacle



WS0032  
150x150 mm  
ISSA 4757502  
IMPA 337502

### Crushing



WS0033  
150x150 mm

### Crushing of hands



WS0034  
150x150 mm

### Sharp element



WS0035  
150x150 mm

### Counterrotating rollers



WS0036  
150x150 mm

### Hand crushing between press brake tool



WS0037  
150x150 mm

### Hand crushing between press brake and material



WS0038  
150x150 mm

### Rapid movement of workpiece in press brake



WS0039  
150x150 mm

### Barbed wire



WS0043  
150x150 mm

### Guard dog



WS0044  
150x150 mm

### Bull



WS0045  
150x150 mm

### Crocodiles, alligators or caymans



WS0046  
150x150 mm

### Falling objects



WS0047  
150x150 mm

### Falling ice



WS0048  
150x150 mm

### Fragile roof



WS0049  
150x150 mm

### Quicksand or mud / deep mud or silt



WS0050  
150x150 mm

### Deep water



WS0051  
150x150 mm

### Shallow water (diving)



WS0052  
150x150 mm

### Unprotected edge



WS0053  
150x150 mm

### Unstable cliff edge



WS0054  
150x150 mm

### Unstable cliff



WS0055  
150x150 mm

### Strong winds



WS0056  
150x150 mm

### Step down



WS0057  
150x150 mm

### Long term health hazard



WS0058  
150x150 mm

### Environmental hazard



WS0059  
150x150 mm

### Hot content



WS0060  
150x150 mm

### Hot steam



WS0061  
150x150 mm

## WARNING SIGNS

<b>Hot liquids</b>  <b>WS1001</b> 150x150 mm	<b>Dangerous stairs</b>  <b>WS1002</b> 150x150 mm	<b>Rotating cutter</b>  <b>WS1003</b> 150x150 mm	<b>Rotating parts / belts and tires</b>  <b>WS1004</b> 150x150 mm
<b>Rotating gearing wheels</b>  <b>WS1005</b> 150x150 mm	<b>Camera surveillance</b>  <b>WS1006</b> 150x150 mm	<b>EX zone</b>  <b>WS1010</b> 150x150 mm	<b>H2S</b>  <b>WS1011</b> 150x150 mm
<b>Harmful/ irritant materials</b>  <b>WS1012</b> 150x150 mm	<b>Confined space</b>  <b>WS1013</b> 150x150 mm	<b>Hot steam under pressure</b>  <b>WS1014</b> 150x150 mm	<b>High pressure water jets</b>  <b>WS1015</b> 150x150 mm
<b>Space with high temperature</b>  <b>WS1016</b> 150x150 mm			
<b>Moving machinery</b>  <b>WS2001</b> 150x200 mm ISSA 4757546 IMPA 337546	<b>Gas under pressure</b>  <b>WS2002</b> 150x200 mm	<b>Poison gas</b>  <b>WS2003</b> 150x200 mm	<b>High noise levels</b>  <b>WS2004</b> 150x200 mm
<b>Lack of oxygen</b>  <b>WS2005</b> 150x200 mm ISSA 4757544 IMPA 337544	<b>Explosive atmosphere</b>  <b>WS2006</b> 150x200 mm	<b>Work in progress on radar</b>  <b>WS2007</b> 150x200 mm	<b>Danger</b>  <b>WS2008</b> 150x200 mm ISSA 4757540 IMPA 337540
<b>CO<sub>2</sub> protected area</b>  <b>WS2009</b> 150x200 mm ISSA 4757545 IMPA 337545	<b>Starts/stops automatically</b>  <b>WS2010</b> 150x200 mm ISSA 4757557 IMPA 337557	<b>Wet deck</b>  <b>WS2011</b> 150x200 mm ISSA 4757573 IMPA 337573	<b>High voltage</b>  <b>WS2012</b> 150x200 mm ISSA 4757610 IMPA 337610

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## WARNING SIGNS

### Electrical hazard



**WS2013**  
150x200 mm  
ISSA 4757611  
IMPA 337611

### Explosion risk



**WS2014**  
150x200 mm  
ISSA 4757581  
IMPA 337581

### Unmanned machinery



**WS2015**  
150x200 mm  
ISSA 4757542  
IMPA 337542

### Battery charging



**WS2016**  
150x200 mm  
ISSA 4757543  
IMPA 337543

### Low oxygen level



**WS2017**  
150x200 mm  
ISSA 4757544  
IMPA 337544

### Under maintenance



**WS2018**  
150x200 mm  
ISSA 4757547  
IMPA 337547

### Overhead working



**WS2019**  
150x200 mm  
ISSA 4757548  
IMPA 337548

### Out of order



**WS2020**  
150x200 mm  
ISSA 4757566  
IMPA 337566

### Slip hazard



**WS2021**  
150x200 mm  
ISSA 4757572  
IMPA 337572

### Slippery surface



**WS2022**  
150x200 mm  
ISSA 4757574  
IMPA 337574

### Mind your head



**WS2023**  
150x200 mm  
ISSA 4757570  
IMPA 337570

### Petroleum vapour



**WS2024**  
150x200 mm  
ISSA 4757580  
IMPA 337580

### Explosive gasses



**WS2025**  
150x200 mm  
ISSA 4757582  
IMPA 337582

### Battery acid



**WS2026**  
150x200 mm  
ISSA 4757591  
IMPA 337591

### Corrosive substance



**WS2027**  
150x200 mm  
ISSA 4757596  
IMPA 337596

### Caustic



**WS2028**  
150x200 mm  
ISSA 4757597  
IMPA 337597

### Toxic



**WS2029**  
150x200 mm  
ISSA 4757600  
IMPA 337600

### Chlorine



**WS2030**  
150x200 mm  
ISSA 4757601  
IMPA 337601

### Harmful vapours

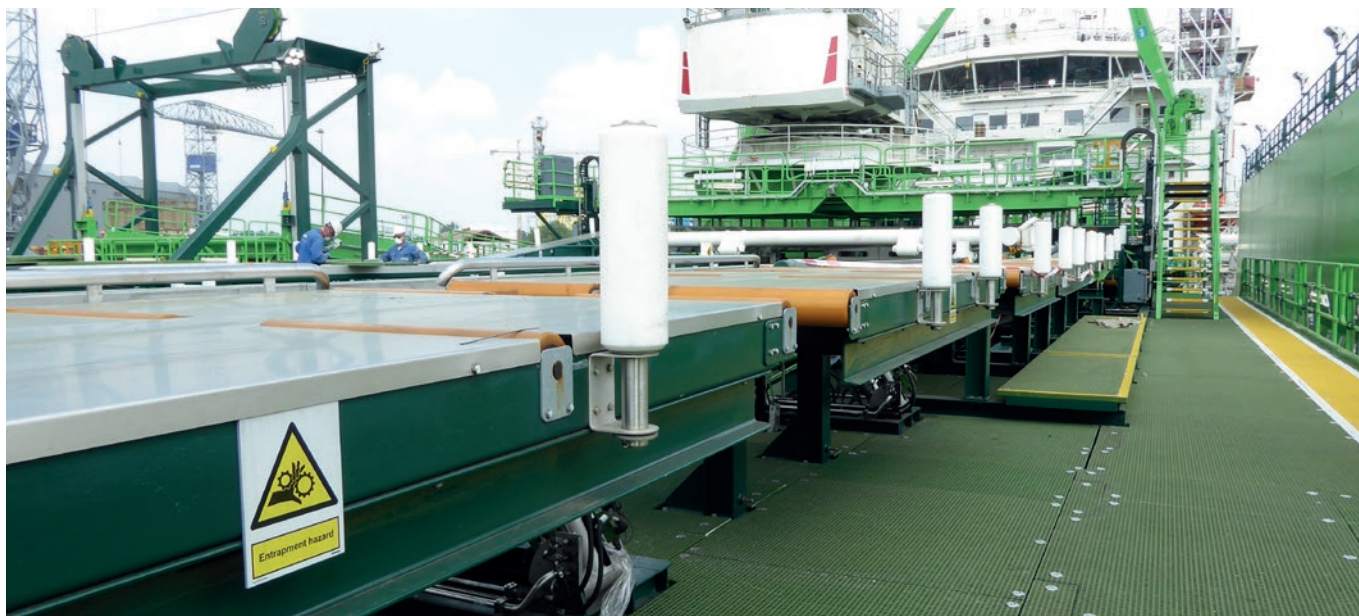


**WS2031**  
150x200 mm  
ISSA 4757604  
IMPA 337604

### 380 Volts



**WS2032**  
150x200 mm  
ISSA 4757615  
IMPA 337615

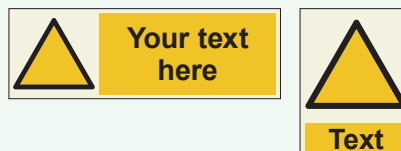


## WARNING SIGNS

<b>440 Volts</b>  <b>DANGER</b> 440 volts	<b>3300 Volts</b>  <b>DANGER</b> 3300 volts	<b>Trip hazard</b>  <b>DANGER</b> Trip hazard	<b>Mind the step</b>  <b>DANGER</b> Mind the step
<b>Uneven surface</b>  <b>DANGER</b> Uneven surface	<b>Flammable liquid</b>  <b>DANGER</b> Flammable liquid	<b>Fire risk</b>  <b>DANGER</b> Fire risk	<b>Low flash point</b>  <b>DANGER</b> Low flash point
<b>Loud noise</b>  <b>CAUTION</b> Loud noise	<b>Radiation risk</b>  <b>CAUTION</b> Radiation risk	<b>Ionizing radiation</b>  <b>DANGER</b> Ionizing radiation	<b>Biological hazard</b>  <b>DANGER</b> Biological hazard
<b>Danger of infection</b>  <b>DANGER</b> of infection	<b>Non-ionising radiation</b>  <b>CAUTION</b> Non-ionising radiation	<b>Danger of death</b>  <b>DANGER</b> Of death	<b>Compressed oxygen</b>  <b>DANGER</b> Compressed oxygen
<b>Open slowly</b>  <b>WARNING</b> Open slowly	<b>Compressed gasses</b>  <b>DANGER</b> Compressed gasses	<b>Danger automatic sliding door</b>  <b>DANGER</b> Automatic sliding door	<b>Danger explosion risk</b>  <b>DANGER</b> Explosion risk
<b>Space with high temperature</b>  <b>WARNING</b> Space with high temperature	<b>Acetylene</b>  <b>ACETYLENE</b> WS5001 300x100 mm ISSA 4757701 IMPA 337701	<b>Oxygen</b>  <b>OXYGEN</b> WS5002 300x100 mm ISSA 4757700 IMPA 337700	<b>Solvents</b>  <b>SOLVENTS</b> WS5003 300x100 mm

### ALL OTHER COMBINATIONS WITH TEXTS ON REQUEST

Give the symbol code, for example WS0001.  
Than choose your desired language or combination.  
Multiple languages are also possible.





## PROHIBITION SIGNS

### General prohibition sign



PS0001  
150x150 mm

### No smoking



PS0002  
150x150 mm  
ISSA 4758500  
IMPA 338500

### No open flame or fire



PS0003  
150x150 mm  
ISSA 4758501  
IMPA 338501

### No thoroughfare



PS0004  
150x150 mm  
ISSA 4758503  
IMPA 338503

### Do not extinguish with water



PS0005  
150x150 mm  
ISSA 4758509  
IMPA 338509

### No drinking water



PS0006  
150x150 mm  
ISSA 4758505  
IMPA 338505

### No access for unauthorized



PS0007  
150x150 mm  
ISSA 4758502  
IMPA 338502

### No access for industrial vehicles



PS0009  
150x150 mm

### Do not touch



PS0010  
150x150 mm  
ISSA 4758504  
IMPA 338504

### No metallic articles or watches



PS0011  
150x150 mm

### Do not alter the state of the switch



PS0012  
150x150 mm  
ISSA 4758553  
IMPA 338553

### Do not obstruct



PS0013  
150x150 mm

### No activated mobile phone



PS0014  
150x150 mm  
ISSA 4758510  
IMPA 338510

### No eating or drinking



PS0015  
150x150 mm  
ISSA 4758566  
IMPA 338566

### No climbing



PS0016  
150x150 mm

### No access with impl. cardiac devices



PS0017  
150x150 mm

### No access metallic implants



PS0018  
150x150 mm

### No reaching in



PS0019  
150x150 mm

### No heavy load



PS0020  
150x150 mm

### No photography



PS0021  
150x150 mm  
ISSA 4758692  
IMPA 338692

### Do not spray with water



PS0022  
150x150 mm

### No pushing



PS0023  
150x150 mm

### No sitting



PS0024  
150x150 mm

### No stepping on surface



PS0025  
150x150 mm

### Do not use lift in case of fire



PS0026  
150x150 mm  
ISSA 4756300  
IMPA 336300

### No dogs



PS0027  
150x150 mm

### Do not walk or stand here



PS0028  
150x150 mm

### Do not use this incomplete scaffold



PS0030  
150x150 mm

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# PROHIBITION SIGNS

Do not use device into water



PS0031  
150x150 mm

Do not use this lift for people



PS0032  
150x150 mm

Do not wear gloves



PS0033  
150x150 mm

Do not tie knots in rope



PS0034  
150x150 mm

Do not use for face grinding



PS0035  
150x150 mm

Do not use for wet grinding



PS0036  
150x150 mm

Do not use with hand-held grinding machine



PS0037  
150x150 mm

Do not wear metall-studded footwear



PS0038  
150x150 mm

No children allowed



PS0039  
150x150 mm

Hot works prohibited



PS0040  
150x150 mm

Do not set off fireworks



PS0041  
150x150 mm

No leaning against



PS0042  
150x150 mm

Not for pregnant women



PS0043  
150x150 mm

Not for people in state of intoxication



PS0044  
150x150 mm

Use of smart glasses prohibited



PS0045  
150x150 mm

No running



PS0046  
150x150 mm

No swimming



PS0047  
150x150 mm

No snorkelling



PS0048  
150x150 mm

No diving



PS0049  
150x150 mm

No outdoor footwear



PS0050  
150x150 mm



## PROHIBITION SIGNS

No jumping into water



PS0051  
150x150 mm

No pushing into water



PS0052  
150x150 mm

Do not expose to direct sunlight or hot surface



PS0053  
150x150 mm

Not to be serviced by users



PS0054  
150x150 mm

Do not put finger into the nozzle



PS0055  
150x150 mm

Do not cross barrier



PS0056  
150x150 mm

No jumping down



PS0057  
150x150 mm

Do not ride with people



PS0201  
150x150 mm

Do not flash



PS0202  
150x150 mm

Do not touch, device under voltage



PS0203  
150x150 mm

No smoking articles



PS0204  
150x150 mm

No ties



PS0205  
150x150 mm

No jewelry



PS0206  
150x150 mm

Do not unplug



PS0207  
150x150 mm

No bicycles



PS0208  
150x150 mm

Do not park



PS0209  
150x150 mm

No drugs and alcohol



PS0210  
150x150 mm

No work clothes



PS0211  
150x150 mm

Wearing of helm prohibited



PS0212  
150x150 mm



No weapons



PS0213  
150x150 mm  
ISSA 4752419  
IMPA 332419

Do not open the valve of gas cylinder



PS0214  
150x150 mm

No smoking



PS0215  
150x150 mm

Do not use lift in case of fire



PS2001  
150x200 mm

Do not use this lift for people



PS2002  
150x200 mm

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## PROHIBITION SIGNS

<b>No smoking</b>  <b>No smoking</b> PS5001 300x100 mm	<b>Switch off mobile devices</b>  <b>Switch off mobile phones, pagers, cameras, etc.</b> PS5002 300x100 mm	<b>No smoking in bed</b>  <b>No smoking in bed</b> PS5003 300x100 mm	<b>Do not drink</b>  <b>Do not drink</b> PS5004 300x100 mm
<b>Discharge of oil prohibited</b>  <b>Discharge of oil prohibited</b> PS5005 300x100 mm	<b>Restricted area</b>  <b>Restricted area authorised personnel only</b> PS5006 300x100 mm	<b>Restricted area</b>  <b>Restricted area no authorised access</b> PS5007 300x100 mm                     ISSA 4756300 IMPA 336300	<b>No entry please wait</b>  <b>No entry please wait for attendance</b> PS5008 300x100 mm
<b>Restricted area</b>  <b>Restricted area no unauthorised entry</b> Unauthorised presence within this area constitutes a breach of security PS5009 300x100 mm                     ISSP027 IMPA 338690	<b>No photography</b>  <b>No photography</b> PS5010 300x100 mm	<b>Microwave oven</b>  <b>Microwave oven</b> 1. As a sensible precaution do not look closely into the oven when it is switched on. 2. Metal containers such as tin foil must not be placed in this oven. PS5011 300x100 mm                     ISSA 4758618 IMPA 338618	<b>Do not use elevator...</b>  <b>Do not use elevator in case of fire</b> PS5012 300x100 mm
<b>Smoking forbidden</b>  <b>Smoking strictly forbidden</b> PS5013 300x100 mm                     ISSA 4758531 IMPA 338531	<b>No smoking area</b>  <b>This is a no smoking area</b> PS5014 300x100 mm                     ISSA 4758532 IMPA 338532	<b>No smoking beyond this point</b>  <b>No smoking beyond this point</b> PS5015 300x100 mm                     ISSA 4758533 IMPA 338533	<b>No smoking in elevator</b>  <b>No smoking in elevator</b> PS5016 300x100 mm                     ISSA 4758575 IMPA 338575
<b>No matches</b>  <b>No matches</b> PS5017 300x100 mm                     ISSA 4758534 IMPA 338534	<b>No naked light</b>  <b>No naked light</b> PS5018 300x100 mm                     ISSA 4758536 IMPA 338536	<b>No naked flames</b>  <b>No naked flames</b> PS5019 300x100 mm                     ISSA 4758537 IMPA 338537	<b>No hot work</b>  <b>No hot work</b> PS5020 300x100 mm                     ISSA 4758539 IMPA 338539
<b>No entry</b>  <b>No entry</b> PS5021 300x100 mm                     ISSA 4758540 IMPA 338540	<b>Crew only</b>  <b>Crew only</b> PS5022 300x100 mm	<b>No access to car</b>  <b>No access to car deck while vessel is at sea</b> PS5023 300x100 mm                     ISSA 4758541 IMPA 338541	<b>Do not enter</b>  <b>Do not enter</b> PS5024 300x100 mm                     ISSA 4758542 IMPA 338542
<b>Do not enter pumproom</b>  <b>Do not enter the pumproom</b> Without permission from the Chief Officer PS5025 300x100 mm                     ISSA 4758546 IMPA 338546	<b>No entry...</b>  <b>No entry</b> Except by authorised personnel, and unless ventilation has been in use for at least 15 minutes prior to entry. PS5026 300x100 mm                     ISSA 4758547 IMPA 338547	<b>No admittance</b>  <b>No admittance</b> PS5027 300x100 mm                     ISSA 4758549 IMPA 338549	<b>No access</b>  <b>No access</b> PS5028 300x100 mm                     ISSA 4758557 IMPA 338557

### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.



## PROHIBITION SIGNS

### Authorised personnel only



PS5029 ISSA 4758545  
300x100 mm IMPA 338545

### No entry unauth. pers



PS5030 ISSA 4758544  
300x100 mm IMPA 338544

### Restricted area...



PS5031 ISSA 4758691  
300x100 mm IMPA 338691

### Restricted area...



PS5033  
300x100 mm

### Restricted area...



PS5034  
300x100 mm

### Restricted area...



PS5035  
300x100 mm

### Do not touch



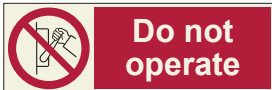
PS5036 ISSA 4758548  
300x100 mm IMPA 338548

### Do not drink



PS5037 ISSA 4758550  
300x100 mm IMPA 338550

### Do not operate



PS5038 ISSA 4758553  
300x100 mm IMPA 338553

### No workwear beyond this point



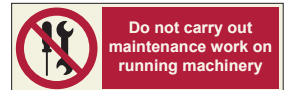
PS5039 ISSA 4758574  
300x100 mm IMPA 338574

### Unauth. persons may not...



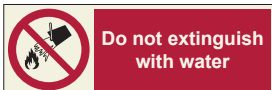
PS5040 ISSA 4758555  
300x100 mm IMPA 338555

### Do not carry out main...



PS5041 ISSA 4758556  
300x100 mm IMPA 338556

### Do not extinguish with water



PS5042 ISSA 4758563  
300x100 mm IMPA 338563

### Do not switch on



PS5043 ISSA 4758552  
300x100 mm IMPA 338552

### Do not switch off



PS5044 ISSA 4758551  
300x100 mm IMPA 338551

### Do not touch, men working



PS5045 ISSA 4758564  
300x100 mm IMPA 338564

### No exit



PS5046 ISSA 4758543  
300x100 mm IMPA 338543

### Keep out



PS5047 ISSA 4758559  
300x100 mm IMPA 338559

### Do not open



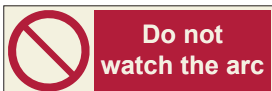
PS5048 ISSA 4758560  
300x100 mm IMPA 338560

### Do not close



PS5049 ISSA 4758561  
300x100 mm IMPA 338561

### Do not watch the arc



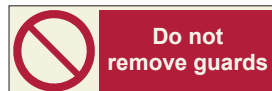
PS5050 ISSA 4758565  
300x100 mm IMPA 338565

### Do not throw garbage



PS5051 ISSA 4758567  
300x100 mm IMPA 338567

### Do not remove guards



PS5052 ISSA 4758568  
300x100 mm IMPA 338568

### Do not use unless...



PS5053 ISSA 4758569  
300x100 mm IMPA 338569

### No smoking, drinking or eating



PS5054 ISSA 4758566  
300x100 mm IMPA 338566

### Do not pull handle



PS5055  
300x100 mm

## PROHIBITION SIGNS

Drain opening do not cover/obstruct



PS5101  
600x240 mm

Text drain opening do not cover/obstruct



PS5102  
600x240 mm

No foreign articles into toilet



PS6001  
150x200 mm

No foreign articles into sea



PS6002  
150x200 mm

Do not smoke in bed



PS6003  
150x200 mm

Do not drink



PS6004  
150x200 mm

No smoking



PS6005  
150x200 mm

No mobile phones



PS6006  
150x200 mm

No access, crew only



PS6007  
150x200 mm

Crew only



PS6008  
150x200 mm

Do not use elevator



PS 6050  
150x150 mm

ALL SYMBOLS ARE AVAILABLE WITH ADDITIONAL TEXT



## MANDATORY SIGNS

### General mandatory



**MS0001**  
150x150 mm  
ISSA 4755641  
IMPA 335641

### Refer to instruction manual



**MS0002**  
150x150 mm

### Wear ear protection



**MS0003**  
150x150 mm  
ISSA 4755648  
IMPA 335648

### Wear eye protection



**MS0004**  
150x150 mm  
ISSA 4755644  
IMPA 335644

### Wear head protection



**MS0005**  
150x150 mm  
ISSA 4755642  
IMPA 335642

### Wear safety footwear



**MS0006**  
150x150 mm  
ISSA 4755650  
IMPA 335650

### Wear protective gloves



**MS0007**  
150x150 mm  
ISSA 4755649  
IMPA 335649

### Wear respiratory protection



**MS0008**  
150x150 mm  
ISSA 4755647  
IMPA 335647

### Wear face shield



**MS0009**  
150x150 mm  
ISSA 4755645  
IMPA 335645

### Wear protective clothing



**MS0010**  
150x150 mm  
ISSA 4755651  
IMPA 335651

### Wear mask



**MS0011**  
150x150 mm

### Opaque eye protection must be worn



**MS0012**  
150x150 mm

### Wear safety harness



**MS0013**  
150x150 mm  
ISSA 4755652  
IMPA 335652

### Wear high-visibility clothing



**MS0014**  
150x150 mm

### Wear welding mask



**MS0015**  
150x150 mm

### Wear anti-static footwear



**MS0016**  
150x150 mm

### Use self-contained breathing appliance



**MS0017**  
150x150 mm

### Connect an earth terminal



**MS0018**  
150x150 mm

### Disconnect mains plug from electrical outlet



**MS0019**  
150x150 mm

### Wash your hands



**MS0020**  
150x150 mm

### Use handrail



**MS0021**  
150x150 mm

### Use barrier cream



**MS0022**  
150x150 mm

### Use footbridge



**MS0023**  
150x150 mm

### Disconnect before maintenance or repair



**MS0024**  
150x150 mm

### Wear safety belt



**MS0025**  
150x150 mm  
ISSA 4755100  
IMPA 335100

### Use litter bin



**MS0026**  
150x150 mm

### Use gas detector



**MS0027**  
150x150 mm

### Use this walkway



**MS0028**  
150x150 mm

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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# MANDATORY SIGNS

Protect infant's eyes with opaque eye protection



**MS0029**  
150x150 mm

Use protective apron



**MS0030**  
150x150 mm

Check guard



**MS0031**  
150x150 mm

Keep locked



**MS0032**  
150x150 mm

Sound horn



**MS0033**  
150x150 mm

Use table saw adjustable guard



**MS0034**  
150x150 mm

Secure gas cylinders



**MS0035**  
150x150 mm

Wear protective roller sport equipment



**MS0036**  
150x150 mm

Close and secure hatches in launch sequence



**MS0037**  
150x150 mm  
ISSA 4755101  
IMPA 335101

Start engine in launch sequence



**MS0038**  
150x150 mm  
ISSA 4755102  
IMPA 335102

Lower lifeboat to water in launch sequence



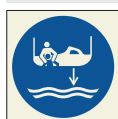
**MS0039**  
150x150 mm  
ISSA 4755103  
IMPA 335103

Lower liferaft to water in launch sequence



**MS0040**  
150x150 mm  
ISSA 4755104  
IMPA 335104

Lower rescue boat to water in launch sequence



**MS0041**  
150x150 mm  
ISSA 4755105  
IMPA 335105

Release falls in launch sequence



**MS0042**  
150x150 mm  
ISSA 4755106  
IMPA 335106

Start water spray in launch sequence



**MS0043**  
150x150 mm  
ISSA 4755107  
IMPA 335110

Release lifeboat gripes in launch sequence



**MS0044**  
150x150 mm  
ISSA 4755109  
IMPA 335109

Start air supply in launch sequence



**MS0045**  
150x150 mm  
ISSA 4755108  
IMPA 335108

Wear personal flotation device



**MS0046**  
150x150 mm

Keep under supervision in aquatic environment



**MS0047**  
150x150 mm

Wear laboratory coat



**MS0048**  
150x150 mm

Ensure continuous ventilation



**MS0049**  
150x150 mm

Ventilate before and during entering



**MS0050**  
150x150 mm

Entry only with supervisor outside



**MS0051**  
150x150 mm





## MANDATORY SIGNS

Wear full size safety goggles



MS0201  
150x150 mm

Wear safety cap



MS0202  
150x150 mm

Wear protective cap



MS0203  
150x150 mm

Wear protective hairnet



MS0204  
150x150 mm

Wear protective beardnet



MS0205  
150x150 mm

Wear shoe covers



MS0206  
150x150 mm

Wear safety helmet and faceshield



MS0209  
150x150 mm

Use handrail right



MS0210  
150x150 mm

Wear double ear protection



MS0212  
150x150 mm

Keep escape breathing device with you



MS0213  
150x150 mm

Keep tools lined up



MS0214  
150x150 mm

Keep flashlight with you



MS0215  
150x150 mm

Wear lifejacket



MS2001  
150x200 mm

Wear goggles



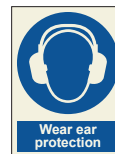
MS2002  
150x200 mm  
ISSA 4755715  
IMPA 335715

Wear mask



MS2003  
150x200 mm  
ISSA 4755719  
IMPA 335719

Wear ear protection



MS2004  
150x200 mm  
ISSA 4755722  
IMPA 335722

Wear gloves



MS2005  
150x200 mm  
ISSA 4755724  
IMPA 335724

Wear protective clothing



MS2006  
150x200 mm  
ISSA 4755726  
IMPA 335726

Wear helmet



MS2007  
150x200 mm  
ISSA 4755709  
IMPA 335709

Hand wash only



MS2008  
150x200 mm  
ISSA 4755737  
IMPA 335737

Head protection



MS2009  
150x200 mm  
ISSA 4755710  
IMPA 335710

Safety helmet area



MS2010  
150x200 mm  
ISSA 4755733  
IMPA 335733

High visibility clothing must be worn



MS2011  
150x200 mm  
ISSA 4755782  
IMPA 335782

Hair covering



MS2012  
150x200 mm  
ISSA 4755736  
IMPA 335736

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## MANDATORY SIGNS

### Eye protection



**MS2013**  
150x200 mm  
ISSA 4755712  
IMPA 335712

### Eye protection in this area



**MS2014**  
150x200 mm  
ISSA 4755734  
IMPA 335734

### Eye protection is provided and must be worn



**MS2015**  
150x200 mm  
ISSA 4755730  
IMPA 335730

### Wear face shield



**MS2016**  
150x200 mm  
ISSA 4755716  
IMPA 335716

### Wear welding protection



**MS2017**  
150x200 mm  
ISSA 4755735  
IMPA 335735

### Face protection in area



**MS2018**  
150x200 mm  
ISSA 4755732  
IMPA 335732

### Wear mask



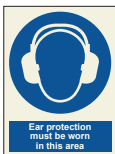
**MS2019**  
150x200 mm  
ISSA 4755719  
IMPA 335719

### Wear respirator



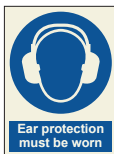
**MS2020**  
150x200 mm  
ISSA 4755731  
IMPA 335731

### Ear protection in area



**MS2021**  
150x200 mm  
ISSA 4755721  
IMPA 335721

### Ear protection



**MS2022**  
150x200 mm  
ISSA 4755723  
IMPA 335723

### Boots must be worn



**MS2023**  
150x200 mm  
ISSA 4755725  
IMPA 335725

### Now wash your hands



**MS2024**  
150x200 mm  
ISSA 4755728  
IMPA 335728

### Guards in position



**MS2025**  
150x200 mm  
ISSA 4755729  
IMPA 335729

### Lif jackets must be worn



**MS2026**  
150x200 mm  
ISSA 4755742  
IMPA 335742

### Lift correctly



**MS2028**  
150x200 mm  
ISSA 4755727  
IMPA 335727

### Keep fire door free



**MS2029**  
150x200 mm

### Keep fire door closed and free



**MS2030**  
150x200 mm

### Keep closed at sea



**MS2031**  
150x150 mm

### Keep locked



**MS2032**  
150x200 mm

### Ensure continuous ventilation



**MS2033**  
150x200 mm

### Ventilate before and during entering



**MS2034**  
150x200 mm

### Entry only with supervisor outside



**MS2035**  
150x200 mm

### Secure hatches



**MS2051**  
150x150 mm

### Lower rescue boat



**MS2052**  
150x150 mm

### Lower liferaft



**MS2053**  
150x150 mm

### Lower lifeboat



**MS2054**  
150x150 mm

### Release falls



**MS2055**  
150x150 mm

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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# MANDATORY SIGNS

## Watermist protected area



MS2401  
150x200 mm

## Hi-Fog protected area



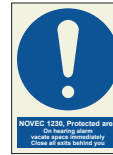
MS2402  
150x200 mm

## CO<sub>2</sub> protected area



MS2403  
150x200 mm  
ISSA 4755876  
IMPA 335876

## Novtec 1230 protected area



MS2404  
150x200 mm

## STAT-X protected area



MS2405  
150x200 mm

## Sprinkler protected area



MS2406  
150x200 mm

## Adjust pressure



MS2501  
150x200 mm  
ISSA 4755874  
IMPA 335874

## Secure painter



MS2502  
150x200 mm  
ISSA 4755875  
IMPA 335875

## Keep shut



MS2503  
150x200 mm  
ISSA 4755871  
IMPA 335871

## Keep clear



MS2504  
150x200 mm  
ISSA 4755870  
IMPA 335870

## Utensil wash only



MS2505  
150x200 mm  
ISSA 4755738  
IMPA 335738

## Door must be kept closed



MS2506  
150x200 mm  
ISSA 4755872  
IMPA 335872

## Crew only



MS2507  
150x200 mm

## Cover all cuts and abrasions



MS2508  
150x200 mm  
ISSA 4755739  
IMPA 335739

## Clean up all spillages



MS2509  
150x200 mm  
ISSA 4755740  
IMPA 335740

## Please close door quietly



MS2510  
150x200 mm  
ISSA 4755877  
IMPA 335877

## People sleeping



MS2511  
150x200 mm  
ISSA 4755878  
IMPA 335878

## Food waste only



MS5001  
300x100 mm  
ISSA 4755691  
IMPA 335691

## No plastic / food waste



MS5002  
300x100 mm  
ISSA 4755692  
IMPA 335692

## Plastic only



MS5003  
300x100 mm  
ISSA 4755690  
IMPA 335690

## Think safety



MS5004  
300x100 mm  
ISSA 4755675  
IMPA 335675

## Accidents must be reported



MS5005  
300x100 mm  
ISSA 4755851  
IMPA 335851

## Wear protective clothes



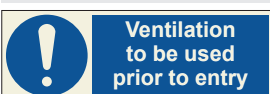
MS5006  
300x100 mm  
ISSA 4555677  
IMPA 335677

## Oil spill equipment



MS5007  
300x100 mm

## Ventilation to be used



MS5008  
300x100 mm  
ISSA 4755852  
IMPA 335852

## Incineration only



MS5009  
300x100 mm  
ISSA 4755693  
IMPA 335693

## Emergency exit keep clear



MS5010  
300x100 mm  
ISSA 4755830  
IMPA 335830

## MANDATORY SIGNS

### Man overboard procedures



**MS6001**  
150x200 mm  
ISSA 4755902  
IMPA 335902

### All visitors please report to:



**MS6002** ISSA 4755855  
300x100 mm IMPA 335855

### Keep this door locked



**MS6003** ISSA 4755825  
300x100 mm IMPA 335825

### Keep this door locked



**MS6004**  
300x100 mm

### Rescue boat launching



**MS6011** ISSA 4755110  
200x150 mm IMPA 335110

### Liferaft launching



**MS6012** ISSA 475111  
200x150 mm IMPA 335111

### Lifeboat launching



**MS6013** ISSA 4755112  
200x150 mm IMPA 335112

### Individual PPE must be worn



**MS6021**  
600x400 mm

### Automatic watertight door



**MS7001**  
150x150 mm

### Watertight door keep shut



**MS7002**  
150x150 mm  
ISSA 4755819  
IMPA 335819

### Hatch must be kept closed



**MS7003**  
150x150 mm  
ISSA 4755817  
IMPA 335817

### Door must be kept closed



**MS7004**  
150x150 mm  
ISSA 4755818  
IMPA 335818

### Automatic fire door



**MS7005**  
150x150 mm  
ISSA 4755808  
IMPA 335808

### Close in event of fire



**MS7006**  
150x150 mm  
ISSA 4755805  
IMPA 335805

### Emergency door keep clear



**MS7008**  
150x150 mm

### Escape hatch keep clear



**MS7009**  
150x150 mm

### Escape door keep clear



**MS7010**  
150x150 mm

### Keep clear, emergency exit



**MS7011**  
150x150 mm  
ISSA 4755800  
IMPA 335800

### Fire door keep closed



**MS7013**  
150x150 mm  
ISSA 4755814  
IMPA 335814

### Door to be kept locked...



**MS7014**  
150x150 mm  
ISSA 4755805  
IMPA 335805

### Door must be kept closed



**MS7015**  
150x150 mm  
ISSA 4755801  
IMPA 335801

### Close this door at night



**MS7016**  
150x150 mm  
ISSA 4753803  
IMPA 335803

### Gangway keep clear



**MS7017**  
150x150 mm  
ISSA 4755812  
IMPA 335812

### Keep clear



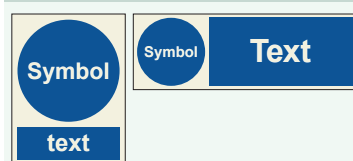
**MS7018**  
150x150 mm

### Push button to open door



**MS8001**  
450x150 mm

### ALL SYMBOLS ARE AVAILABLE WITH ADDITIONAL TEXT



## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

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## MULTIPLE SIGNS

### HVAC Room



MU0001 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

### IT Room



MU0002 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

### Battery room



MU0012 190x200 mm (symbol height 50 mm)  
380x400 mm (symbol height 100 mm)

### Emergency battery box



MU0013 190x200 mm (symbol height 50 mm)  
380x400 mm (symbol height 100 mm)

### Emergency generator room



MU0015 250x220 mm (symbol height 50 mm)  
500x440 mm (symbol height 100 mm)

### Nitrogen room



MU0042 190x200 mm (symbol height 50 mm)  
380x400 mm (symbol height 100 mm)



# MULTIPLE SIGNS

## Paint store



MU0045 190x220 mm (symbol height 50 mm)  
380x440 mm (symbol height 100 mm)

## Oil & chemical store



MU0046 190x200 mm (symbol height 50 mm)  
380x400 mm (symbol height 100 mm)

## Chemical & paint store



MU0047 190x220 mm (symbol height 50 mm)  
380x440 mm (symbol height 100 mm)

## PPE area



MU0048 190x200 mm (symbol height 50 mm)  
380x400 mm (symbol height 100 mm)

## Machinery workshop



MU0049 250x120 mm (symbol height 50 mm)  
500x240 mm (symbol height 100 mm)

## Confined space



MU0050 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

## Valve center



MU0054 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

## Helideck



MU0055 350x525 mm

We supply the multiple signs as standard in a symbol height of 50 mm or 100 mm.  
For a short viewing distance (for example signs on doors in a corridor) we advise the 50 mm symbol height.

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material. Each of these Multiple signs in this catalog are available in:

- Pet-X (PVC-free, the environment- friendly choice)
- Retro-Reflective

Standard symbol height for the multiple signs are 50 mm or 100 mm. All proposed texts can be changed upon request.  
See page 62-63 for more information.

## MULTIPLE SIGNS

### High voltage

#### HIGH VOLTAGE



MU1001 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

### Control room

#### CONTROL ROOM



MU1002 250x120 mm (symbol height 50 mm)  
500x240 mm (symbol height 100 mm)

### EX-Zone

#### EX-ZONE



MU1003 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

### Engine room

#### ENGINE ROOM



MU1004 250x120 mm (symbol height 50 mm)  
500x240 mm (symbol height 100 mm)

### Compressor room

#### COMPRESSOR ROOM



MU1005 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

For custom made multiple signs see page 62-63.



## MULTIPLE SIGNS CUSTOM MADE

Whether you need a sign to combine multiple symbols with text in your own language or you simply want to create your own custom signs from scratch, the team at T-ISS has the right tools for you. Based on professionally designed templates that are made ready for you to customize, you can easily combine multiple signs and text to create a professional looking safety sign.

- Step 1. Choose your template to customize
- Step 2. Choose your symbol(s)
- Step 3. Choose your own text
- Step 4. Choose the type of material in which we need to create your sign
- Step 5. The team at T-ISS creates your custom made sign(s)

### CUSTOM MADE HORIZONTAL

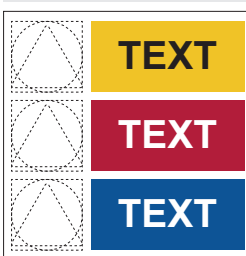
#### Multiple signs - Untitled

##### 2 Multiple signs horizontal untitled



MH0102U 150x100 mm (symbol height 50 mm)  
300x200 mm (symbol height 100 mm)

##### 3 Multiple signs horizontal untitled



MH0302U 150x150 mm (symbol height 50 mm)  
300x300 mm (symbol height 100 mm)

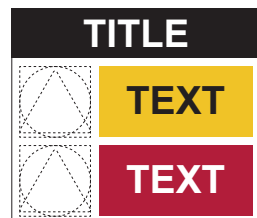
##### 4 Multiple signs horizontal untitled



MH0104U 150x200 mm (symbol height 50 mm)  
300x400 mm (symbol height 100 mm)

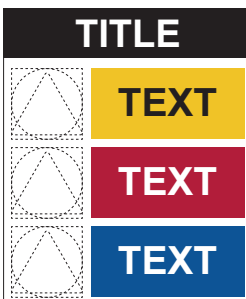
#### Multiple signs - Titled

##### 2 Multiple signs horizontal titled



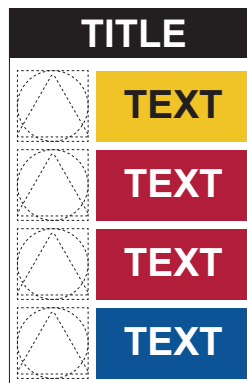
MH0102T 150x130 mm (symbol height 50 mm)  
300x260 mm (symbol height 100 mm)

##### 3 Multiple signs horizontal titled



MH0103T 150x180 mm (symbol height 50 mm)  
300x360 mm (symbol height 100 mm)

##### 4 Multiple signs horizontal titled



MH0104T 150x230 mm (symbol height 50 mm)  
300x460 mm (symbol height 100 mm)

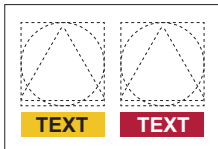


# MULTIPLE SIGNS CUSTOM MADE

## CUSTOM MADE VERTICAL

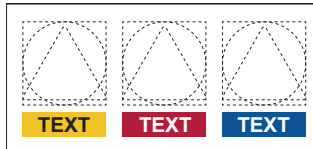
### Multiple signs - Untitled

#### 2 Multiple signs vertical untitled



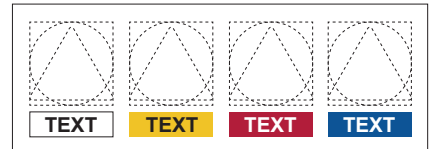
MV0201U 130x90 mm (symbol height 50 mm)  
260x180 mm (symbol height 100 mm)

#### 3 Multiple signs vertical untitled



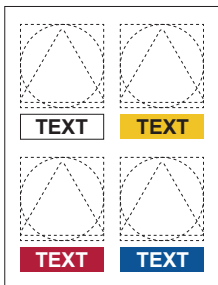
MV0301U 190x90 mm (symbol height 50 mm)  
380x180 mm (symbol height 100 mm)

#### 4 Multiple signs vertical untitled



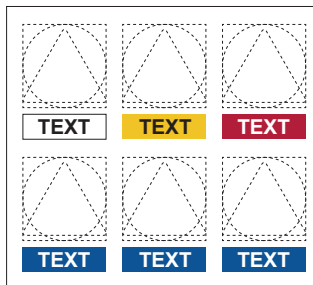
MV0401U 250x90 mm (symbol height 50 mm)  
500x180 mm (symbol height 100 mm)

#### 2x2 Multiple signs vertical untitled



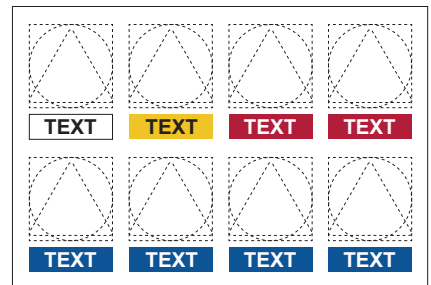
MV0202U 130x170 mm (symbol height 50 mm)  
260x340 mm (symbol height 100 mm)

#### 3x2 Multiple signs vertical untitled



MV0302U 190x170 mm (symbol height 50 mm)  
380x340 mm (symbol height 100 mm)

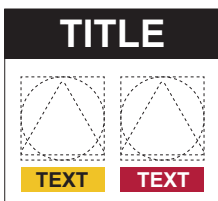
#### 4x2 Multiple signs vertical untitled



MV0402U 250x170 mm (symbol height 50 mm)  
500x340 mm (symbol height 100 mm)

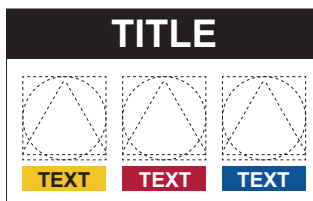
### Multiple signs - Titled

#### 2 Multiple signs vertical titled



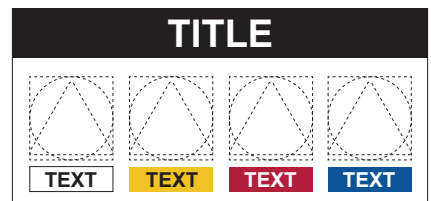
MV0201T 130x120 mm (symbol height 50 mm)  
260x240 mm (symbol height 100 mm)

#### 3 Multiple signs vertical titled



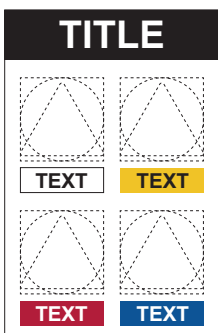
MV0301T 190x120 mm (symbol height 50 mm)  
380x240 mm (symbol height 100 mm)

#### 4 Multiple signs vertical titled



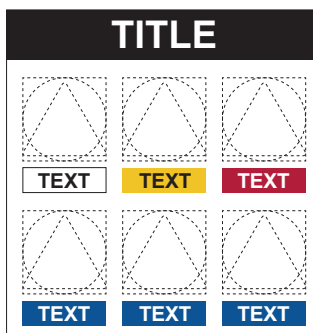
MV0401T 250x120 mm (symbol height 50 mm)  
500x240 mm (symbol height 100 mm)

#### 2x2 Multiple signs vertical titled



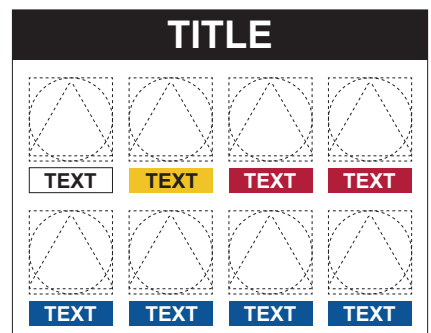
MV0202T 130x200 mm (symbol height 50 mm)  
260x400 mm (symbol height 100 mm)

#### 2x3 Multiple signs vertical titled



MV0302T 190x200 mm (symbol height 50 mm)  
380x400 mm (symbol height 100 mm)

#### 2x4 Multiple signs vertical titled



MV0402T 250x200 mm (symbol height 50 mm)  
500x400 mm (symbol height 100 mm)

# MARITIME MULTIPLE SIGNS

According to ISSA & IMPA

WT door



MU2001  
300x200 mm

Remove bottles



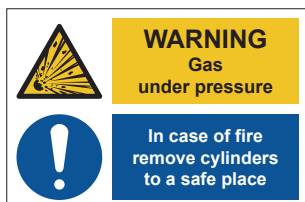
MU5001 ISSA 4753100  
300x200 mm IMPA 333100

Close oxy/acetylene



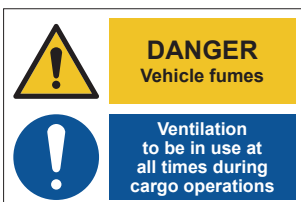
MU5002 ISSA 4753101  
300x200 mm IMPA 333101

Remove gas cylinders



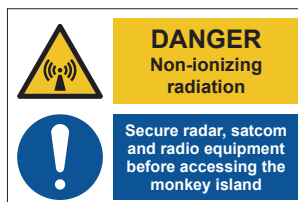
MU5003 ISSA 4753102  
300x200 mm IMPA 333102

Use ventilation



MU5004 ISSA 4753103  
300x200 mm IMPA 333103

Radar, satcom and radio-equipment



MU5005 ISSA 4753109  
300x200 mm IMPA 333109

Danger keep out



MU5006 ISSA 4753112  
300x200 mm IMPA 333112

Danger steep ladder



MU5007 ISSA 4753116  
300x200 mm IMPA 333116

Danger explosion risk



MU5101  
300x200 mm

Caution battery compartment



MU5102  
300x200 mm

Danger confined space



MU5103 ISSA 4753110  
300x200 mm IMPA 333110

Danger hazardous area



MU5104 ISSA 4753114  
300x200 mm IMPA 333114

Do not throw garbage overboard



MU5105 ISSA 4753115  
300x200 mm IMPA 333115

No open lights No smoking



MU5106 ISSA 4758522  
300x200 mm IMPA 338522

Petroleum spirit highly flammable



MU5107 ISSA 4753105  
300x200 mm IMPA 333105

## MARITIME MULTIPLE SIGNS

According to ISSA & IMPA

### Danger gas



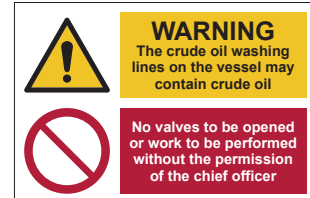
MU5108 ISSA 4753104  
300x200 mm IMPA 333104

### Danger petroleum spirit highly flam



MU5109  
300x200 mm

### Warning crude oil



MU5110 ISSA 4753106  
300x200 mm IMPA 333106

### Danger asbestos



MU5112 ISSA 4753113  
300x200 mm IMPA 333113



### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material. Each of these Multiple signs in this catalog are available in:

- Pet-X (PVC-free, the environment- friendly choice)
- Retro-Reflective

Standard symbol height for the multiple signs are 50 mm or 100 mm. All proposed texts can be changed upon request. See page 62-63 for more information.

# MARITIME MULTIPLE SIGNS

According to ISSA & IMPA

## Refrigerated space



MU9001 ISSA 4753122  
300x300 mm IMPA 333122

## Gas bottle store



MU9002 ISSA 4753125  
300x300 mm IMPA 333125

## Fridge machinery



MU9003 ISSA 4753129  
300x300 mm IMPA 333119

## Battery locker



MU9004 ISSA 4753123  
300x300 mm IMPA 333123

## Paint store



MU9005 ISSA 4753126  
300x300 mm IMPA 333126

## Emergency generator



MU9006 ISSA 4753135  
300x300 mm IMPA 333135

## Galley



MU9007 ISSA 4753124  
300x300 mm IMPA 333124

## Switch gear



MU9008 ISSA 4753127  
300x300 mm IMPA 333127

## Steering gear



MU9009 ISSA 4753136  
300x300 mm IMPA 333136

## Machinery space



MU9010 ISSA 4753111  
300x300 mm IMPA 333111

## Machinery space



MU9011 ISSA 4753111  
300x300 mm IMPA 333111

## Forecastle space



MU9012 ISSA 4753128  
300x300 mm IMPA 333128



## MARITIME MULTIPLE SIGNS

According to ISSA & IMPA

Pump room



MU9013  
300x300 mm  
ISSA 4753137  
IMPA 333137

Chemical locker



MU9014  
300x300 mm

Security notice



MU9016  
300x300 mm  
ISSA 4753139  
IMPA 333139

Security notice



MU9017  
300x400 mm  
ISSA 4753138  
IMPA 333138

Warning dangerous cargo



MU9018  
400x600 mm  
ISSA 4753014  
IMPA 333014

### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material. Each of these Multiple signs in this catalog are available in:

- Pet-X (PVC-free, the environment-friendly choice)
- Retro-Reflective

Standard symbol height for the multiple signs are 50 mm or 100 mm. All proposed texts can be changed upon request. See page 62-63 for more information.

# MARITIME ISPS SIGNS

## Security level set of 3



IS0007  
300x150 mm

## Security level 1



IS0008 ISSA 4752703  
300x150 mm IMPA 332703

For holder see page 78

## Security level 2



IS0009 ISSA 4752703  
300x150 mm IMPA 332703

## Security level 3



IS0010 ISSA 4752703  
300x150 mm IMPA 332703

## Warning



IS1010  
300x100 mm

## All visitors please report



IS1011 ISSA 4752924  
300x200 mm IMPA 332924

## All visitors report to security office



IS1012 ISSA 4752824  
300x200 mm IMPA 332824

## Ship security office



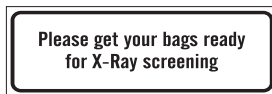
IS1013 ISSA 4752892  
300x100 mm IMPA 332895

## ID control



IS1014  
300x100 mm

## X-ray screening



IS1015  
300x100 mm

## Metal detector



IS1016  
300x100 mm

## Reception



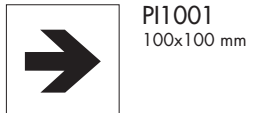
IS1017 ISSA 4752907  
300x100 mm IMPA 332907

## Restricted area



IS1018  
300x100 mm

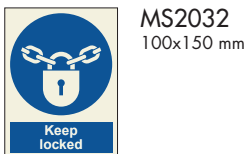
## Direction arrow (90°)



## Direction arrow (45°)



## Keep locked



## All visitors please report to:



MS6002 ISSA 4755855  
300x100 mm IMPA 335855

## Keep this door locked



ISSA 4755825  
IMPA 335825

## Keep this door locked

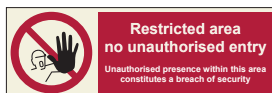


ISSA 4755825  
IMPA 335825

## No access for unauthorized



## Restricted area



ISSP027 IMPA 338690

## No photography



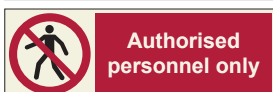
ISSA 4758691  
IMPA 338691

## Do not enter



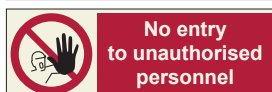
ISSA 4758542  
IMPA 338542

## Authorised personnel only



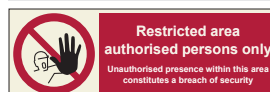
ISSA 4758545  
IMPA 338545

## No entry unauth. pers



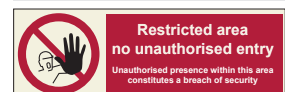
ISSA 4758544  
IMPA 338544

## Restricted area...



ISSA 4758691  
IMPA 338691

## Restricted area...



ISSA 4758691  
IMPA 338691

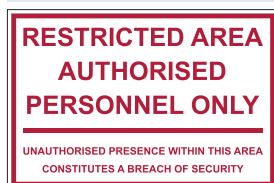
## MARITIME ISPS SIGNS

### Restricted area



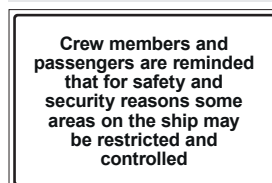
IS1040  
300x200 mm

### Restricted area



IS1041      ISSA 4758695  
300x200 mm      IMPA 338695

### Crew member



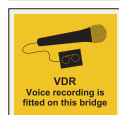
IS1042  
300x200 mm

### Ship complies with IMO ISPS code



IS1043      ISSA 4753140  
300x200 mm      IMPA 333140  
900x450 mm

### VDR voice recording



IS3001  
150x150 mm  
ISSA 4752889  
IMPA 332889

### CCTV surveillance



IS3002  
150x150 mm  
ISSA 4752896  
IMPA 332896

### CCTV in operation



IS3003  
150x150 mm  
ISSA 4752974  
IMPA 332974

### Security notice



MU 9016      ISSA 4753139  
300x300 mm      IMPA 333139

### Security notice



MU 9017      ISSA 4753138  
300x400 mm      IMPA 333138

## MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.

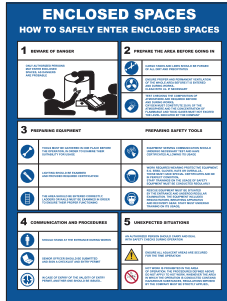
# IMO POSTERS

## Liferaft launching



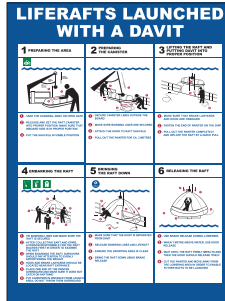
TP0001 ISSA 4751002  
300x400 mm IMPA 331502

## Enclosed spaces



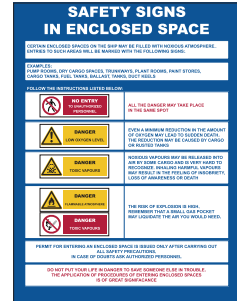
TP0003 ISSA 4751017  
300x400 mm IMPA 331517

## Liferaft launched with a davit



TP0004 ISSA 4751045  
300x400 mm IMPA 331545

## Safety signs in enclosed space



TP0005 ISSA 4751007  
300x400 mm IMPA 331507

## Oil spill prevention



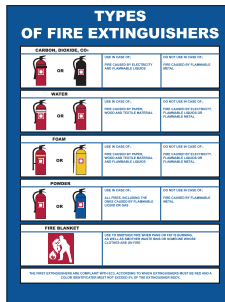
TP0006 ISSA 4751008  
300x400 mm IMPA 331508

## Oil spill actions



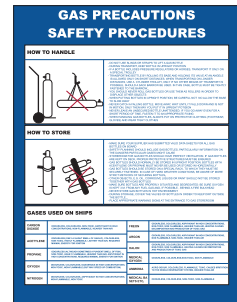
TP0007 ISSA 4751023  
300x400 mm IMPA 331523

## Types of fire extinguishers



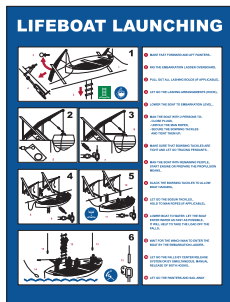
TP0008 ISSA 4751027  
300x400 mm IMPA 331527

## Gas precautions



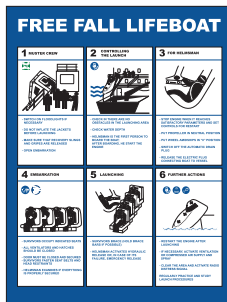
TP0009 ISSA 4751032  
300x400 mm IMPA 331532

## Lifeboat launching



TP0010 ISSA 4751001  
300x400 mm IMPA 331501

## Free fall lifeboat



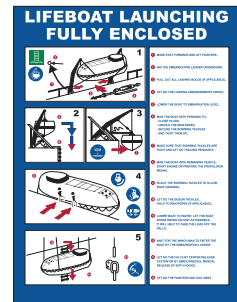
TP0011 ISSA 4751020  
300x400 mm IMPA 331520

## Launching lifeboats



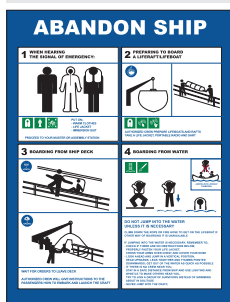
TP0012 ISSA 4751005  
300x400 mm IMPA 331505

## Enclosed lifeboat launching



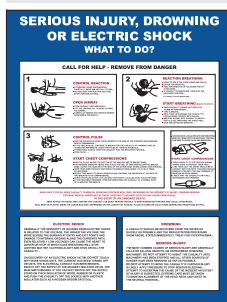
TP0013 ISSA 4751004  
300x400 mm IMPA 331504

## Abandon ship



TP0014 ISSA 4751016  
300x400 mm IMPA 331516

## Serious injury / shock



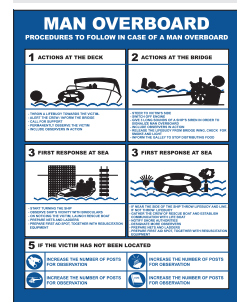
TP0015 ISSA 4751009  
300x400 mm IMPA 331509

## Enclosed space and tank rescue



TP0016 ISSA 4751017  
300x400 mm IMPA 331517

## Man overboard



TP0017 ISSA 4751015  
300x400 mm IMPA 331515



# IMO POSTERS

## Craneage safety signals



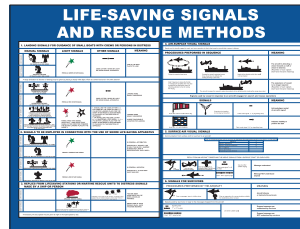
TP0018 ISSA 4751030  
300x400 mm IMPA 331530

## IMO safety symbols



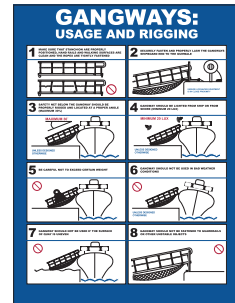
TP0019 ISSA 4751036  
300x400 mm IMPA 331536

## Life-saving signals and rescue...



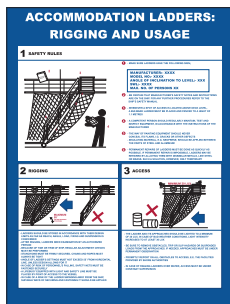
TP0020 ISSA 4751058  
400x300 mm IMPA 331558

## Gangways



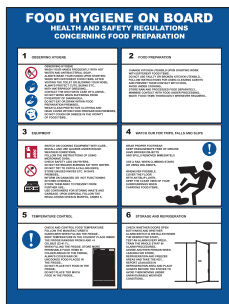
TP0021 ISSA 4751014  
300x400 mm IMPA 331514

## Accommodation ladders



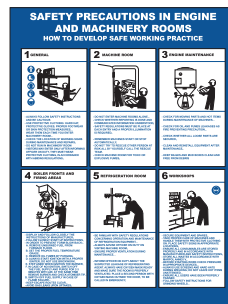
TP0022 ISSA 4751013  
300x400 mm IMPA 331513

## Food hygiene on board



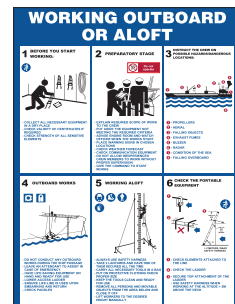
TP0023 ISSA 4751044  
300x400 mm IMPA 331544

## Engine and machine room safety



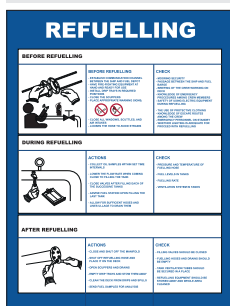
TP0024 ISSA 4751035  
300x400 mm IMPA 331535

## Outboard or aloft work jobs



TP0025 ISSA 4751025  
300x400 mm IMPA 331525

## Refuelling



TP0026 ISSA 4751022  
300x400 mm IMPA 331522

## Personal protection gear



TP0027 ISSA 4751028  
300x400 mm IMPA 331528

## Signals; light, shape and sound



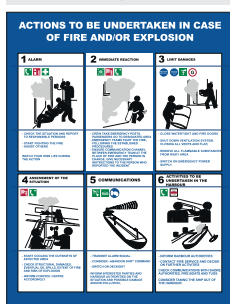
TP0028 ISSA 4751034  
300x400 mm IMPA 331534

## Hot work



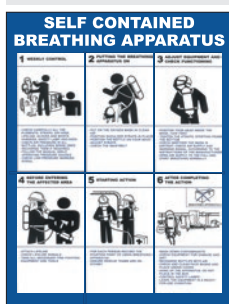
TP0029 ISSA 4751024  
300x400 mm IMPA 331524

## Fire and explosion vital actions



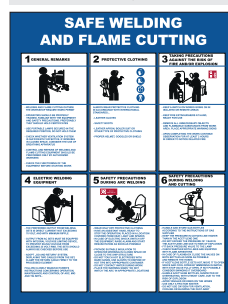
TP0030 ISSA 4751031  
300x400 mm IMPA 331531

## Self contained breathing app.



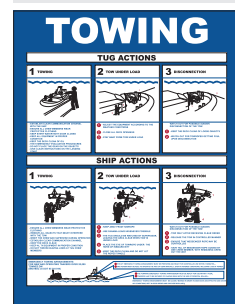
TP0031 ISSA 4751047  
300x400 mm IMPA 331547

## Safe welding and cutting



TP0032 ISSA 4751033  
300x400 mm IMPA 331533

## Towing




TP0033 ISSA 4751021  
300x400 mm IMPA 331521

[illegible]

# LIFEJACKET INSTRUCTIONS


## REDDINGSVEST INSTRUCTIONS

**1**




Put this life preserver over your head.  
Tuck head snugly against neck cover on inside.

**2**




Move the lowest breast strap over your breast.  
Make sure the lowest arm strap is snug and tight.

**3**



Pull this low end of the lowest strap to adjust fit.  
Tuck the stern over.

**4**









This is the rear view of the life preserver. Be prepared to wear it right side up. Light Press the shoulder straps. The shoulder straps are not adjustable. They are designed to fit most people. If you are very large or very small, it may not fit properly. If it does not fit properly, it is not safe to use.

[illegible]

# MOORING

## PROCEDURES FOR MOORING / UNMOORING

<p><b>1. DETAILED PROCEDURES</b></p>  <p><b>1.1</b> The mooring post is located in the middle of the river.</p> <p><b>1.2</b> The mooring post is located in the middle of the river.</p> <p><b>1.3</b> The mooring post is located in the middle of the river.</p>	<p><b>2. UNMOORING PROCEDURES</b></p>  <p><b>2.1</b> The mooring post is located in the middle of the river.</p> <p><b>2.2</b> The mooring post is located in the middle of the river.</p> <p><b>2.3</b> The mooring post is located in the middle of the river.</p>	<p><b>3. UNMOORING PROCEDURES</b></p>  <p><b>3.1</b> The mooring post is located in the middle of the river.</p> <p><b>3.2</b> The mooring post is located in the middle of the river.</p> <p><b>3.3</b> The mooring post is located in the middle of the river.</p>
<p><b>4. UNMOORING PROCEDURES</b></p>  <p><b>4.1</b> The mooring post is located in the middle of the river.</p> <p><b>4.2</b> The mooring post is located in the middle of the river.</p> <p><b>4.3</b> The mooring post is located in the middle of the river.</p>	<p><b>5. UNMOORING PROCEDURES</b></p>  <p><b>5.1</b> The mooring post is located in the middle of the river.</p> <p><b>5.2</b> The mooring post is located in the middle of the river.</p> <p><b>5.3</b> The mooring post is located in the middle of the river.</p>	<p><b>6. UNMOORING PROCEDURES</b></p>  <p><b>6.1</b> The mooring post is located in the middle of the river.</p> <p><b>6.2</b> The mooring post is located in the middle of the river.</p> <p><b>6.3</b> The mooring post is located in the middle of the river.</p>


[illegible]

# PRECAUTIONS AGAINST PIRACY

**1 Research**

Find out what you need to know about piracy in your area. This includes:


- The types of piracy that are most common in your area
- The types of piracy that are most common in your area
- The types of piracy that are most common in your area



**2 Planning**

Plan your response to piracy. This includes:


- The types of piracy that are most common in your area
- The types of piracy that are most common in your area
- The types of piracy that are most common in your area



**3 Improving procedures**

Improve your procedures to prevent piracy. This includes:


- The types of piracy that are most common in your area
- The types of piracy that are most common in your area
- The types of piracy that are most common in your area



**4 Bridge communications**

Improve your bridge communications. This includes:


- The types of piracy that are most common in your area
- The types of piracy that are most common in your area
- The types of piracy that are most common in your area



**5 Deck security**

Improve your deck security. This includes:


- The types of piracy that are most common in your area
- The types of piracy that are most common in your area
- The types of piracy that are most common in your area



**6 Action if boarded**

Improve your action if boarded. This includes:

- The types of piracy that are most common in your area
- The types of piracy that are most common in your area
- The types of piracy that are most common in your area



# IMO FIRE CONTROL SYMBOLS

IMO FIRE CONTROL SYMBOLS

IMO has the exact control symbols in accordance with ISO 7181 (2005) & IMO A 952(23)

## PIPE MARKING

The BS1315 11729 standard defines the colours to be used for identifying pipes. Each of the following tables indicates a colour coding for a particular use. The table on the right is intended for use in safety.

Standard	Colour	Standard	Intention
BS1315 11729	Blue	BS1315 11729	Gas
BS1315 11729	Yellow	BS1315 11729	Gas
BS1315 11729	Red	BS1315 11729	Gas
BS1315 11729	Green	BS1315 11729	Gas
BS1315 11729	Orange	BS1315 11729	Gas
BS1315 11729	Purple	BS1315 11729	Gas
BS1315 11729	White	BS1315 11729	Gas
BS1315 11729	Black	BS1315 11729	Gas
BS1315 11729	Grey	BS1315 11729	Gas
BS1315 11729	Brown	BS1315 11729	Gas
BS1315 11729	Light Blue	BS1315 11729	Gas
BS1315 11729	Light Green	BS1315 11729	Gas
BS1315 11729	Light Yellow	BS1315 11729	Gas
BS1315 11729	Light Orange	BS1315 11729	Gas
BS1315 11729	Light Purple	BS1315 11729	Gas
BS1315 11729	Light White	BS1315 11729	Gas
BS1315 11729	Light Black	BS1315 11729	Gas
BS1315 11729	Light Grey	BS1315 11729	Gas
BS1315 11729	Light Brown	BS1315 11729	Gas
BS1315 11729	Light Light Blue	BS1315 11729	Gas
BS1315 11729	Light Light Green	BS1315 11729	Gas
BS1315 11729	Light Light Yellow	BS1315 11729	Gas
BS1315 11729	Light Light Orange	BS1315 11729	Gas
BS1315 11729	Light Light Purple	BS1315 11729	Gas
BS1315 11729	Light Light White	BS1315 11729	Gas
BS1315 11729	Light Light Black	BS1315 11729	Gas
BS1315 11729	Light Light Grey	BS1315 11729	Gas
BS1315 11729	Light Light Brown	BS1315 11729	Gas
BS1315 11729	Light Light Light Blue	BS1315 11729	Gas
BS1315 11729	Light Light Light Green	BS1315 11729	Gas
BS1315 11729	Light Light Light Yellow	BS1315 11729	Gas
BS1315 11729	Light Light Light Orange	BS1315 11729	Gas
BS1315 11729	Light Light Light Purple	BS1315 11729	Gas
BS1315 11729	Light Light Light White	BS1315 11729	Gas
BS1315 11729	Light Light Light Black	BS1315 11729	Gas
BS1315 11729	Light Light Light Grey	BS1315 11729	Gas
BS1315 11729	Light Light Light Brown	BS1315 11729	Gas
BS1315 11729	Light Light Light Light Blue	BS1315 11729	Gas
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BS1315 11729	Light Light Light Light Light Green	BS1315 11729	Gas
BS1315 11729	Light Light Light Light Light Yellow	BS1315 11729	Gas
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BS1315 11729	Light Light Light Light Light Light Blue	BS1315 11729	Gas
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BS1315 11729	Light Light Light Light Light Light Light Blue	BS1315 11729	Gas
BS1315 11729	Light Light Light Light Light Light Light Green	BS1315 11729	Gas
BS1315 11729	Light Light Light Light Light Light Light Yellow	BS1315 11729	Gas
BS1315 11729	Light Light Light Light Light Light Light Orange	BS1315 1	

[illegible]

**HAZARD CHEMICAL SIGNAGE**

**TRANSPORTATION**

**1** **DANGER**  
3K1F 1294

**2** **2W**  
1810

**3** **2W**  
1810

**4** **1830**

**5** **1830**

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








**172** **1830**

## HAZARD DIAMONDS

FOR THE CARRIAGE OF DANGEROUS GOODS


1. F+ FLAMMABLE  
 2. T+ TOXIC  
 3. C+ CORROSIVE  
 4. N+ NON-FLAMMABLE  
 5. S+ STRONG OXIDIZING  
 6. D+ DANGEROUS  
 7. H+ HARMFUL  
 8. L+ LIQUID  
 9. F+ FLAMMABLE  
 10. T+ TOXIC  
 11. C+ CORROSIVE  
 12. S+ STRONG OXIDIZING  
 13. D+ DANGEROUS  
 14. L+ LIQUID  
 15. F+ FLAMMABLE  
 16. T+ TOXIC  
 17. C+ CORROSIVE  
 18. S+ STRONG OXIDIZING  
 19. D+ DANGEROUS  
 20. L+ LIQUID

## HAZARDOUS SUBSTANCE SYMBOLS

 <p><b>FLAMMABLE</b> Substances which are highly flammable (F+), flammable (F), or combustible (C).</p>	 <p><b>IRRITANT</b> Substances which are irritant (Xi) or very irritant (Xn).</p>
 <p><b>CORROSIVE</b> Substances which are corrosive (C).</p>	 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>
 <p><b>FLAMMABLE</b> Substances which are highly flammable (F+), flammable (F), or combustible (C).</p>	 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>
 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>	 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>
 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>	 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>
 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>	 <p><b>HEALTH HAZARD</b> Substances which are toxic (T), very toxic (T+), or carcinogenic (C).</p>

REGULATIONS FOR GARBAGE DISPOSAL AT SEA		
Annex V of Marpol		
GARBAGE TYPE	OUTSIDE SPECIAL AREAS	IN SPECIAL AREAS
Plastics including synthetic ropes, fishing gear and other plastic garbage like	PROHIBITED	PROHIBITED
Floating cargo, barge and packing material	PROHIBITED	PROHIBITED
Peen, rope, glass, metal, machinery parts and other refuse	PROHIBITED	PROHIBITED
All other garbage including paint, oil and oil residues, untreated comminuted garbage	PROHIBITED	PROHIBITED
Food waste not comminuted or ground	PROHIBITED, IF PRESENT IN EXCESSIVE QUANTITIES	PROHIBITED
Food waste comminuted or ground	PROHIBITED, IF PRESENT IN EXCESSIVE QUANTITIES	PROHIBITED, IF PRESENT IN EXCESSIVE QUANTITIES
Manure (see type)	**	**

\* Comminuted or ground waste may be taken to sea through a sewage incinerator.

\*\* When garbage is placed ashore after harmful substances having harmful effects.

## DISCHARGE OF OIL PROHIBITED

The Federal Water Pollution Control Act prohibits the discharge of oil or oil waste into or upon the navigable waters of the UNITED STATES, or the waters of the contiguous zone, or which may be discharged into the contiguous zone, to, or under the exclusive management authority of the UNITED STATES, if such discharge causes a film or residue on the surface of the water or causes sludge or emulsion between the surface of the water. Violators are subject to substantial civil penalties and/or criminal sanctions including fines and imprisonment.

(33 CFR 155.450)

The person in charge of a vessel or facility must immediately report any discharge of oil or hazardous substance to the National Response System toll free at:

**(800) 424 - 8802**

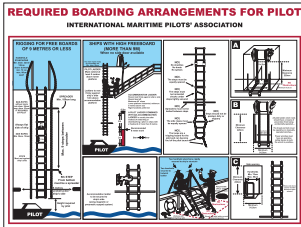
(33 CFR 151.50(d); CFR 153.203)

[illegible][illegible]

According to IMO A.601(15)

# IMO POSTERS

## Required boarding arrangements



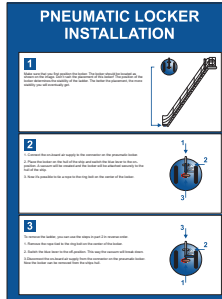
TP0052 ISSA 4751526  
400x300 mm IMPA 331526

## Visitors safety instructions



TP0053  
400x300 mm

## Pneumatic locker installation



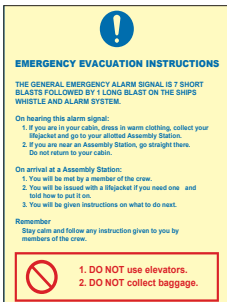
TP0054  
300x400 mm

## Flag chart



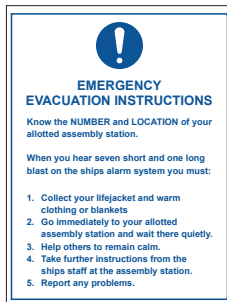
TP0057  
300x400 mm

## Emergency evacuation instructions



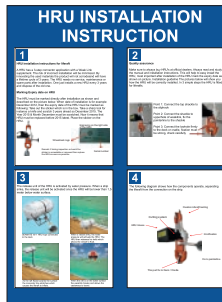
TP0058 ISSA 4755900  
300x400 mm IMPA 335900

## Emergency instructions passengers



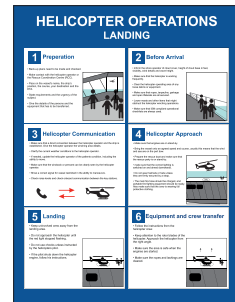
TP0059 ISSA 4755903  
300x400 mm IMPA 335903

## HRU installation instruction



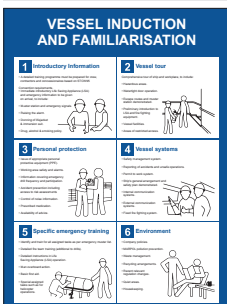
TP0060  
300x400 mm

## Helicopter operations landing



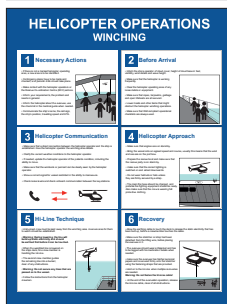
TP0061  
300x400 mm

## Vessel induction/familiarisation



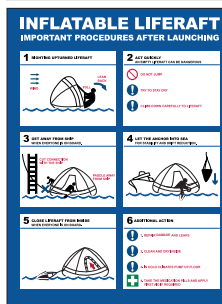
TP0062  
300x400 mm

## Helicopter operations winching



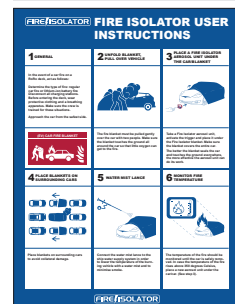
TP0063  
300x400 mm

## Inflatable liferaft procedures



TP0064  
300x400 mm

## Fire isolator instruction



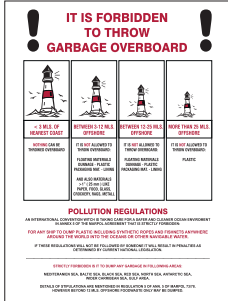
TP0065  
300x400 mm

## ALSO AVAILABLE UPON REQUEST:

Article number	Description	Dimensions	ISSA	IMPA
TP0002	Evacuation chute and slide	300x400 mm	4751046	331546
TP0042	Compass rose	300x400 mm	-	-
TP0047	Low location light instructions	300x400 mm	-	-
TP0055	Smoking regulation	300x400 mm	-	-
TP0056	Dead man alarm	300x400 mm	-	-

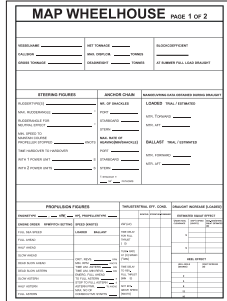
# IMO POSTERS

## Forbidden to throw garbage overboard



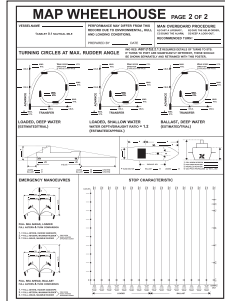
TP1001 ISSA 4751042  
300x400 mm IMPA 331542

## Map wheelhouse 1/2



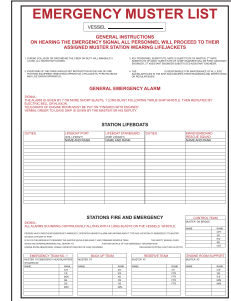
TP1002 ISSA 4751010  
300x400 mm IMPA 331510

## Map wheelhouse 2/2



TP1003 ISSA 4751010  
300x400 mm IMPA 331510

## Emergency muster list



TP1004 ISSA 4751012  
300x400 mm IMPA 331512

## Drug warning notice



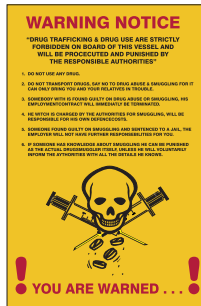
TP1005 ISSA 4751037  
200x300 mm IMPA 331537

## Drug and alcohol warning notice



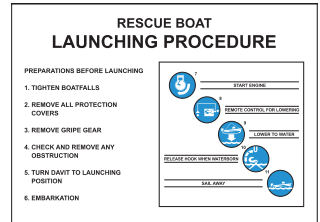
TP1006 ISSA 4751039  
200x300 mm IMPA 331539

## Warning notice



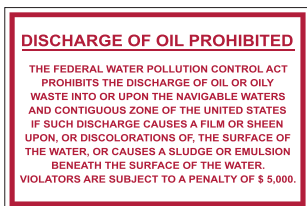
TP1007 ISSA 4751041  
200x300 mm IMPA 331541

## Rescue boat launching procedure



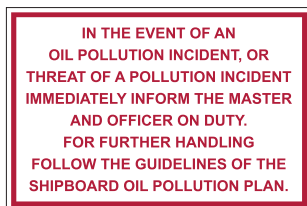
TP1008 ISSA 4751001  
400x300 mm IMPA 331501

## Discharge of oil prohibited



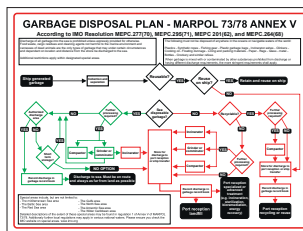
TP1009 ISSA 4751043  
400x300 mm IMPA 331543

## Oil pollution event



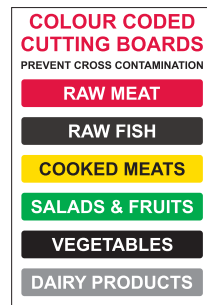
TP1010  
400x300 mm

## Garbage disposal plan



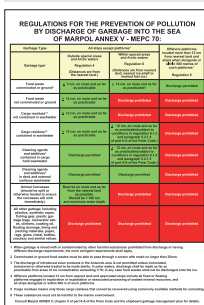
TP1011 ISSA 4751029  
400x300 mm

## Cutting boards



TP1012  
300x400 mm

## Discharge of garbage



TP1013  
300x400 mm



## MOUNTING MATERIALS AND PANELS

T-ISS offers a wide range of tools for fixation of signs, particularly suitable for the outdoor exposure at sea or in the heavy industry.

### FOAM MOUNTING TAPE

The tape is a closed-cell, polyethylene foam, coated with a high tack / high shear acrylic adhesive. It has superior chemical and fuel resistance, and good outdoor weather resistance. Technical data can be found on page 54.



Article number	Dimensions
FMT10-020	20 mm x 10 m
FMT10-040	40 mm x 10 m
FMT50-055	55 mm x 50 m
FMT50-150	150 mm x 50 m

### MOUNTING SEALANT AND ADHESIVE

A high viscosity construction sealant and adhesive, one component, fast drying, elastic, humidity curing on MS Polymer basis.

- Primerless adhesion to many surfaces
- High initial and end tack
- Fast drying
- UV stable
- Work temperature; min. +5 °C, max. +35 °C
- Temperature resistance; from – 40 °C up to 100 °C



Article number	Content
MSA-ST780	250 ml

### SET RAILINGBRACKETS STAINLESS STEEL

Pair of brackets for easy fixation signs between railing tubes without welding. Pickled and passivated Stainless Steel (SS316), comes complete with SS hose clamps, bolts, nuts, washes and teflon insulation strips. To combine with different sizes stainless steel backplates. Lay-outs, sizes of brackets and hose clamps are always custom-made per situation and available on request.



### BACKPLATES STAINLESS STEEL

Quality pickled and passivated, also for use in salt water circumstances. To combine with Stainless Steel railingbrackets. Lay-out and size available on request.



## MOUNTING MATERIALS AND PANELS

### MOUNTING PANEL STAINLESS STEEL

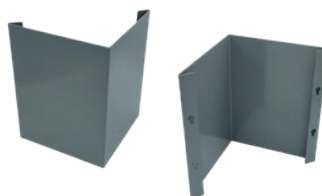
Stainless Steel mounting panel with welded-on brackets for fixation on railing tubes with SS hose clamps.



Article number	Dimension (w x h)
MPBS-GG	150 x 150 mm (Stainless Steel)
MPBS-KG	300 x 150 mm (Stainless Steel)
MPBS-HH	200 x 200 mm (Stainless Steel)

### MOUNTING PANEL PANORAMIC

Stainless Steel or coated aluminium panel without safety signs. To be used at longer bulkheads for a clear view at the safety signs from all directions.

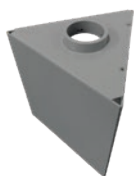


Article number	Dimension (w x h)
MPPA-HH	200 x 200 mm (coated aluminium)
MPPA-HJ	200 x 267 mm (coated aluminium)
MPPS-HH	200 x 200 mm (Stainless Steel)
MPPS-HJ	200 x 267 mm (Stainless Steel)



## MOUNTING BOX TRIANGLE

For installation on 2" pipe. Box without safety signs. To be used in open space for a clear view at safety signs from all directions.

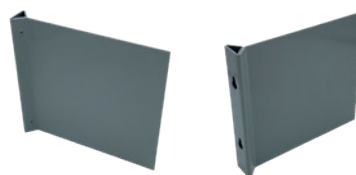


Article number	Dimension
MBTA-HH	200 x 200 mm (coated aluminium)
MBTA-HJ	200 x 267 mm (coated aluminium)



## MOUNTING PANEL RIGHT ANGLED

Coated aluminium mounting panel without safety signs. To be used in corridors for a clear view at safety signs from both directions.



Article number	Dimension
MPRA-HH	200 x 200 mm (coated aluminium)
MPRA-HJ	200 x 267 mm (coated aluminium)

## MOUNTING PANEL CEILING

Aluminium without safety sign, for use inside accommodation on the ceiling. Can be used single- and double sided.



Article number	Dimension (w x h)
MPRE-KE	300 x 100 mm
MPRE-KG	300 x 150 mm
MPRE-MG	450 x 150 mm
MPRE-HH	200 x 200 mm
MPRE-HJ	200 x 267 mm
MPRE-XX	Other sizes on request

## SECURITY LEVEL SIGN HOLDER

Transparent sign holder in which the signs can be easily changed to inform about the current security level.

Suitable for ISPS sign set 15007 (see page 68).



Article number	Dimension
SH-WB3	310 x 155 mm

## CLICK FRAMES ANODISED ALUMINIUM

Quick and easy to exchange plans for:

- Escape plans
- Safety plans
- Fire Control plans
- Embarkation plans
- Muster lists
- General arrangements
- Posters



Article number	Dimension
CLF20S4	A4 (20 mm profile)
CLF20S3	A3 (20 mm profile)
CLF20S2	A2 (20 mm profile)
CLF32S1	A1 (32 mm profile)
CLF32S0	A0 (32 mm profile)
CLFCM	Dimensions on request (max. size 3000 x 1500 mm)





## TIE TAGS

### Caution



TT0001  
70x150mm  
ISSA 4752501  
IMPA 332501

### Defective equipment



TT0002  
70x150mm  
ISSA 4752502  
IMPA 332502

### Asbestos



TT0003  
70x150mm  
ISSA 4752503  
IMPA 332503

### Current on



TT0004  
70x150mm  
ISSA 4752504  
IMPA 332504

### Harmful



TT0005  
70x150mm  
ISSA 4752505  
IMPA 332505

### Irritant



TT0006  
70x150mm  
ISSA 4752506  
IMPA 332506

### Corrosive



TT0007  
70x150mm  
ISSA 4752507  
IMPA 332507

### Flammable



TT0008  
70x150mm  
ISSA 4752508  
IMPA 332508

### Explosive



TT0009  
70x150mm  
ISSA 4752509  
IMPA 332509

### Poison



TT0010  
70x150mm  
ISSA 4752510  
IMPA 332510

### Gas



TT0011  
70x150mm  
ISSA 4752541  
IMPA 332541

### Do not close valve



TT0012  
70x150mm  
ISSA 4752520  
IMPA 332520

### Do not open valve



TT0013  
70x150mm  
ISSA 4752521  
IMPA 332521

### Do not close



TT0014  
70x150mm  
ISSA 4752522  
IMPA 332522

### Do not open



TT0015  
70x150mm  
ISSA 4752523  
IMPA 332523

### Do not move



TT0016  
70x150mm  
ISSA 4752524  
IMPA 332524

### Do not start



TT0017  
70x150mm  
ISSA 4752525  
IMPA 332525

### Do not use



TT0018  
70x150mm  
ISSA 4752526  
IMPA 332526

### Do not start, men working



TT0019  
70x150mm  
ISSA 4752527  
IMPA 332527

### Do not use, out of order



TT0020  
70x150mm  
ISSA 4752528  
IMPA 332528

### Do not operate



TT0021  
70x150mm  
ISSA 4752530  
IMPA 332530

### Do not touch














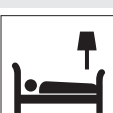








TT0022  
70x150mm  
ISSA 4752531  
IMPA 332531

## GENERAL INFORMATION

THE TIE TAGS ARE DELIVERED IN PACKS OF 10 PCS  
THE STANDARD SIZE IS 70 X 150 MM

## PUBLIC INFORMATION SIGNS

<b>Toilets female</b>  <b>PI0001</b> 150x150 mm ISSA 4752409 IMPA 332409	<b>Toilets male</b>  <b>PI0002</b> 150x150 mm ISSA 4752410 IMPA 332410	<b>Toilets unisex</b>  <b>PI0003</b> 150x150 mm ISSA 4752408 IMPA 332408	<b>Toilets - disabled / full accessible</b>  <b>PI0004</b> 150x150 mm ISSA 4752401 IMPA 332401
<b>Reception or check-in</b>  <b>PI0005</b> 150x150 mm	<b>Information</b>  <b>PI0006</b> 150x150 mm	<b>Meeting point</b>  <b>PI0007</b> 150x150 mm	<b>Cinema</b>  <b>PI0008</b> 150x150 mm
<b>Nursery or baby care</b>  <b>PI0009</b> 150x150 mm ISSA 4752443 IMPA 332443	<b>Business center</b>  <b>PI0010</b> 150x150 mm	<b>Teaching room</b>  <b>PI0011</b> 150x150 mm	<b>Meeting room or conference facilities</b>  <b>PI0012</b> 150x150 mm
<b>Lounge or waiting area</b>  <b>PI0013</b> 150x150 mm	<b>Cupboard</b>  <b>PI0014</b> 150x150 mm	<b>Trash box or litter bin</b>  <b>PI0015</b> 150x150 mm	<b>Restaurant</b>  <b>PI0016</b> 150x150 mm
<b>Refreshments - Coffee or buffet</b>  <b>PI0017</b> 150x150 mm	<b>Surveillance camera</b>  <b>PI0018</b> 150x150 mm	<b>Accommodation facilities or hotel</b>  <b>PI0019</b> 150x150 mm	<b>Shop or shopping</b>  <b>PI0020</b> 150x150 mm
<b>Pharmacy</b>  <b>PI0021</b> 150x150 mm	<b>Bar</b>  <b>PI0022</b> 150x150 mm	<b>Snack machine</b>  <b>PI0023</b> 150x150 mm	<b>Smoking area or smoking allowed</b>  <b>PI0024</b> 150x150 mm
<b>Sauna</b>  <b>PI0025</b> 150x150 mm	<b>Hospital</b>  <b>PI0026</b> 150x150 mm	<b>Drinking water</b>  <b>PI0027</b> 150x150 mm	<b>Shower</b>  <b>PI0028</b> 150x150 mm

### MATERIAL SPECIFICATIONS & AVAILABLE SIZES

Standard size signs made of Pet-X material are all on stock and directly available. Each of the signs in this catalog are available in multiple different types of materials:

• Pet-X (PVC-free, the environment-friendly choice) • Retro-Reflective • Aluminum light • PVC • Transparent Vinyl • White, self-adhesive vinyl (non-reflective)

Non-standard sizes and materials other than the standard Pet-X material are available upon request. See page 10 for more information.

## PUBLIC INFORMATION SIGNS

### Lost and found property



PI0029  
150x150 mm

### Baggage lockers or coin lockers



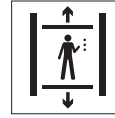
PI0030  
150x150 mm

### Stairs



PI0031  
150x150 mm

### Lift



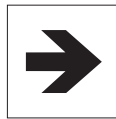
PI0032  
150x150 mm

### Accessible lift



PI0033  
150x150 mm

### Direction arrow (90°)



PI1001  
150x150 mm

### Direction arrow (45°)



PI1002  
150x150 mm

### Toilet instructions



PI2001  
150x150 mm

### Hand dryer



PI2002  
150x150 mm

### All visitors report to security office



PI5001  
150x150 mm

### All visitors report to reception



PI5002  
150x150 mm

### No access



PI5003  
150x150 mm  
ISSA 4752421  
IMPA 332421









## SIGNAL FLAGS

Signalflag A



**FL001**  
1500x1000 mm  
ISSA 371511  
IMPA 491315

Signalflag B



**FL002**  
1500x1000 mm  
ISSA 371512  
IMPA 491316

Signalflag C



**FL003**  
1500x1000 mm  
ISSA 371513  
IMPA 491317

Signalflag D



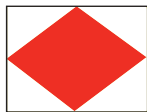
**FL004**  
1500x1000 mm  
ISSA 371514  
IMPA 491318

Signalflag E



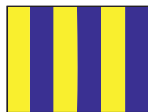
**FL005**  
1500x1000 mm  
ISSA 371515  
IMPA 491319

Signalflag F



**FL006**  
1500x1000 mm  
ISSA 371516  
IMPA 491320

Signalflag G



**FL007**  
1500x1000 mm  
ISSA 371517  
IMPA 491321

Signalflag H



**FL008**  
1500x1000 mm  
ISSA 371518  
IMPA 491322

Signalflag I



**FL009**  
1500x1000 mm  
ISSA 371519  
IMPA 491323

Signalflag J



**FL010**  
1500x1000 mm  
ISSA 371520  
IMPA 491324

Signalflag K



**FL011**  
1500x1000 mm  
ISSA 371521  
IMPA 491325

Signalflag L



**FL012**  
1500x1000 mm  
ISSA 371522  
IMPA 491326

Signalflag M



**FL013**  
1500x1000 mm  
ISSA 371523  
IMPA 491327

Signalflag N



**FL014**  
1500x1000 mm  
ISSA 371524  
IMPA 491328

Signalflag O



**FL015**  
1500x1000 mm  
ISSA 371525  
IMPA 491329

Signalflag P



**FL016**  
1500x1000 mm  
ISSA 371526  
IMPA 491330

Signalflag Q



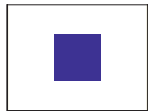
**FL017**  
1500x1000 mm  
ISSA 371527  
IMPA 491331

Signalflag R



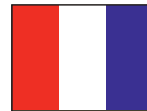
**FL018**  
1500x1000 mm  
ISSA 371528  
IMPA 491332

Signalflag S



**FL019**  
1500x1000 mm  
ISSA 371529  
IMPA 491333

Signalflag T



**FL020**  
1500x1000 mm  
ISSA 371530  
IMPA 491334

Signalflag U



**FL021**  
1500x1000 mm  
ISSA 371531  
IMPA 491335

Signalflag V



**FL022**  
1500x1000 mm  
ISSA 371532  
IMPA 491336

Signalflag W



**FL023**  
1500x1000 mm  
ISSA 371533  
IMPA 491337

Signalflag X



**FL024**  
1500x1000 mm  
ISSA 371534  
IMPA 491338

Signalflag Y



**FL025**  
1500x1000 mm  
ISSA 371535  
IMPA 491339

Signalflag Z



**FL026**  
1500x1000 mm  
ISSA 371536  
IMPA 491340

### GENERAL INFORMATION

**WE HAVE ALL COUNTRY FLAGS ON STOCK!**



# PIPE MARKING





## INTRODUCTION

Marking pipes is essential to ensure safety at all times. Accidents, injuries and damage to machines and equipment can be caused by the fact your operators or external maintenance engineers and intervention services are unaware of the risks of the substances that flow through pipes. The importance of marking pipes becomes clear when we look at the different standards & regulations. In the EU it's required by the regulation EU 92/58

### Standards & regulations

Several regional or maritime organisations require compliance with pipe marking standards. Whether it is ISO 14726, ISO 20560, DIN 2403, ANSI, ASME A13.1, BSI 1710, NORSOK or other company standards, T-ISS can supply the correct and compliant pipemarkers in any colour with any print that meet these standards.

Because of this variety in global or regional standards, the new published ISO 20560 standard will realize a truly global, harmonized system of hazard recognition for pipe marking systems with uniformity of graphics, colour-coding and formatting of safety messages. T-ISS can supply you with pipe markers meet the requirements of this new ISO 20560 standard.

## PIPE MARKING REQUIREMENTS

The colour, the colour pattern, the size, the width, the content description, the letter size, the flow direction and the safety symbols differ from one standard to another. Our markers, regardless of the sector in which they are to be used, always comply with the latest applicable standards and requirements regarding legislation and regulations.

### Where to apply pipe markings?

- At least one in every room for every pipe and every medium
- At frequent intervals on straight pipe runs, between 3 and 5 meter.  
In clear situations a greater distance is possible
- When pipes pass through the floor, ceiling or wall, mark both sides
- When pipes change direction
- In the proximity of each valve and pump

For particular surfaces or if the pipes have a too large diameter, it is also possible to provide individual pipe markers. This marker contains all the necessary information in accordance with legislation and regulations, such as colour coding, medium name, safety symbols and possibly the direction of flow. These also differ per standard.

### Layout & Design

Within our production process we can make all sorts of different layouts of pipe marking. These layouts always include the mandatory (in most national norms & regulations) safety information:

- Flow direction
- GHS/CLP symbols and warning signs
- Pipe contents description

It has recently also become common to include process information, secondary language and more detailed information about the hazard symbols and even QR codes.

### Customized Pipe Marking

Our fully customizable pipemarkers can include all the pipe, contents and flow information your location (both maritime, offshore or industry & chemical sectors) needs to optimally increase workplace safety and efficiency. We will produce all pipe markers using the colours according to the latest global or local regulations and your specific demands.

We can supply customized pipe markers with an Self-Adhesive layer, Non-Adhesive or PreCoiled.



Pipe Marking according ISO 20560-1



Customized Pipe Marking

## QUALITY PIPE MARKERS

### ECONOMY LINE

This pipe marking tape is an economic, un laminated, acrylic self-adhesive vinyl. The recommended use for this pipemarker is indoors or short term. The Economy Line quality pipe marking is both available as complete printed marker as well as single colour rolls and arrow tape to combine yourself for use on ships according to ISO 14726.

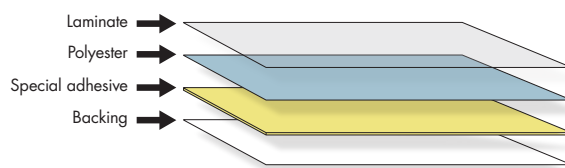
### BASIC LINE

The Basic Line pipe marking is a standard performance, acrylic self-adhesive vinyl, glossy laminated for UV and dirt resistance. This tape can be used both indoor and outdoor in various types of environment. UV-resistant up to 5 years\*, fixation suitable for smooth and clean surfaces.

### POLYESPRO® SELF-ADHESIVE

The special developed Polyespro® pipe marking is the highest available quality. With the resin-based glue it is suitable for all types of pipes, also at older painted surfaces and stainless steel. The non-PVC polyester film and protective laminate guarantees a more than 10 year\* expected lifetime both for UV-resistance and fixation, heat and cold resistance and dirt resistance. The resin-based adhesive protects against the risk of moisture between the pipe marker and the pipe and is safe to use at stainless steel pipes.

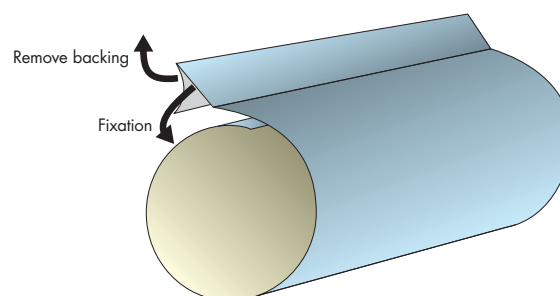
- Rolls
- Sheets
- UV-, scratch- and chemical resistant
- Seawater resistant
- Temperature resistance -40 °C up to +130°C
- Usable in extreme weather conditions
- Strong adhesive, also for use at stainless steel
- The highest available pipemarker on the market today



### POLYESPRO® PRECOILED / NON ADHESIVE

The easy to install and removable PreCoiled Polyespro® pipe marking film is a high performance non-PVC polyester sandwich which can be used in demanding environments with a long expected, more than 10-years, lifetime. The PreCoiled pipe markers allow for very quick installation in industry, off-shore installations and ships.

- All above mentioned specifications
- Reusable
- For application on dirty, oily, greasy or rough surfaces
- Easy to install
- Including self-adhesive fixation strip



\* Depending on the geographical area and vertical or non-vertical exposure



## HOW TO ORDER PIPE MARKERS

For a clearly recognizable, durable pipe marker, it is recommended to apply the pipe marking around the pipe as a wrap. For this purpose we supply the pipe markers both as a roll and as a sheet.

Sheets are intended for a single wrap, for this the sheet length is determined by the circumference of the pipe with 10 - 20% overlap. Pay attention to insulated pipes for the larger outline.

### Step 1

Make the choice for quality;

- Economy Line (only for maritime use ISO 14726)
- Basic line (all lay-outs, rolls and sheets)
- Polyespro self-adhesive (all layouts, rolls and sheets)
- Polyespro PreCoiled (individual markers, all lay-outs)

### Step 2

Make the choice for layout;

- ISO 20560-1 (world-wide standard) Give medium name, basic identification colour and GHS pictograms according to the Safety Data Sheet (SDS) and optional process risks. (See tables page 88-90)
- ISO 14726 (maritime standard published 2008) (see tables page 92-95)
- DIN 2403 (German standard)
- Other standard or company custom made

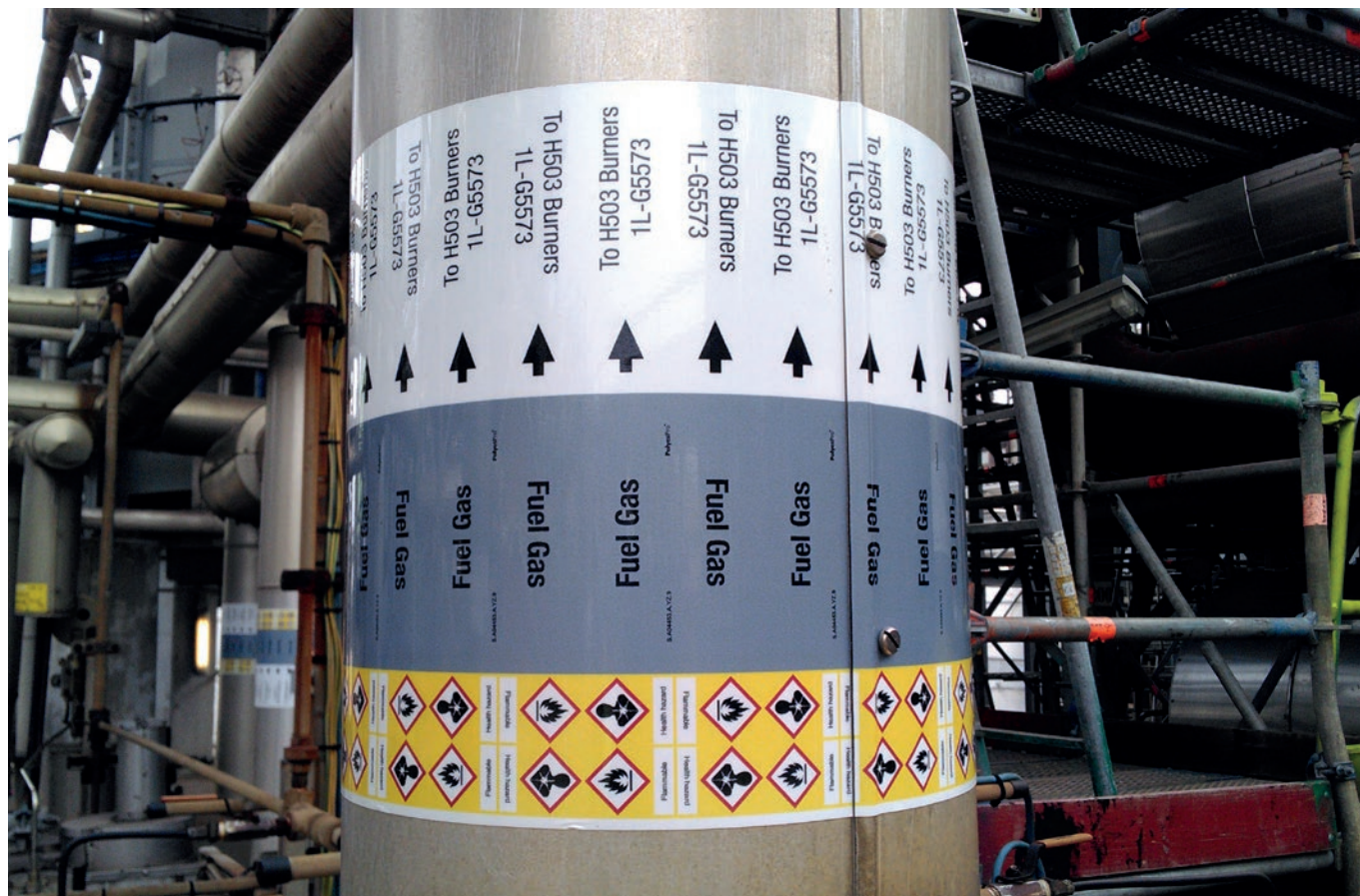
### Step 3

Dimensions;

- For ISO 20560, sheet- or roll width, see page 89-90
- For ISO 14726, roll width depends on pipe diameter (see page 92), Roll length 10 meter
- Other standards or custom made, on request
- Basic Line and Economy Line roll length 10 meter
- Polyespro® self-adhesive; roll length 6 or 12 meter, or for sheet length, pipe outline 10 - 20%
- Polyespro® PreCoiled; pipe outline + 10 - 20%
- Pay attention to insulated pipes for the larger outline.



## ISO 20560-1; THE NEW WORLDWIDE STANDARD FOR PIPE MARKING


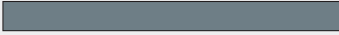

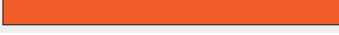






The ISO 20560-1 combines technical information about the contents and identification of pipes with safety information, aiming to have one global safety language for all workers at installations, both on land and maritime.




### Key facts ISO 20560-1

- Display content name and flowdirection
- Yellow safety colour for recognition the pipe-content is hazardous
- Warning symbols for hazards according to Safety Data Sheet and other process related risks
- Other safety related information, such as pressure, temperature, speed, etc.
- Technical process information, such as pipe numbers, from-to information, classification code, etc.

### Basic identification colours according to ISO 20560-1

	CONTENT OF A PIPE	COLOUR	
Safety colour	Hazardous substances	Yellow	
Basic identification colour	Gases in either gaseous or liquefied condition	Grey	
	Liquids and fixed materials (powder, granulates)	Black	
	Acids	Orange	
	Alkalis (leaches)	Violet	
	Firefighting medium	Red	
	Water	Green	
	Air	Blue	




EXAMPLES ACCORDING TO ISO 20560-1



Natriumchloride vapor  
Natriumchloride vapor  
Natriumchloride vapor

→  
→  
→




Alkali with hazards



Cooling Water Return  
Cooling Water Return  
Cooling Water Return

→  
→  
→




Water, no hazards



LP Condensate  
LP Condensate  
LP Condensate

→  
→  
→




Gas, no hazards



Extinguishing Steam  
Extinguishing Steam  
Extinguishing Steam

→  
→  
→




Firefighting gas (steam) with supplementary identification colours



Fuel Gas  
Fuel Gas  
Fuel Gas

→ To H801 Burners  
→ To H801 Burners  
→ To H801 Burners




Gas with hazards and technical information



To R802  
To R802  
To R802

←  
←  
←

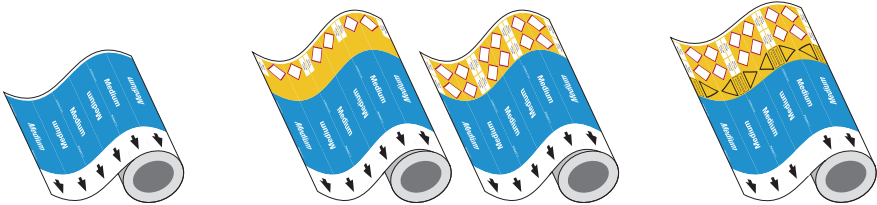
Reactor Effluent  
Reactor Effluent  
Reactor Effluent



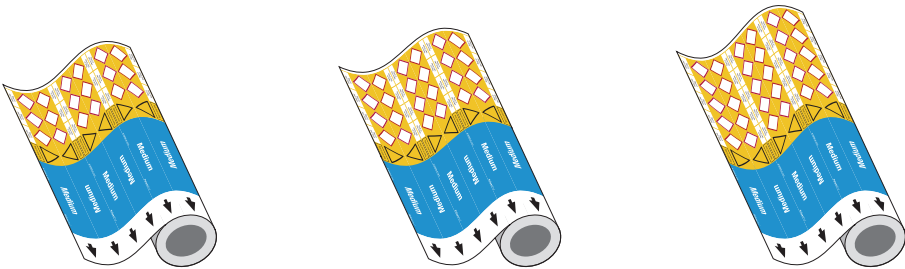
Liquid with hazards, also process and technical information

Pipe markers according to ISO 20560-1, quality Polyespro, can be supplied as rolls, length 6 or 12 meter, or as a sheet for a single wrapper. The width of the marker depends on the amount of safety symbols and the diameter of the pipe. See tables below and next page.

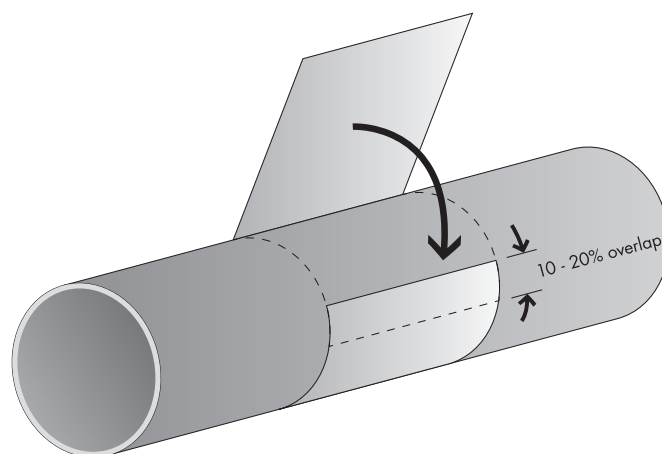
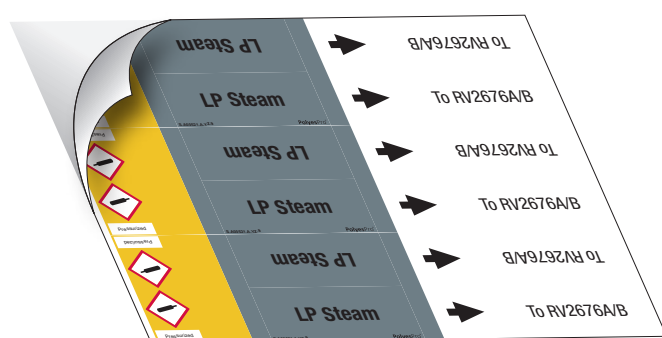
WIDTH OF  
ISO 20560-1  
PIPE MARKING



PIPEDIAMETER	0 SYMBOLS	1 / 2 SYMBOLS	3 SYMBOLS
≤ 150mm	119mm	162mm	183mm
150 - 500mm	179mm	243mm	275mm
> 500mm	238mm	342mm	366mm



PIPEDIAMETER	4 SYMBOLS	5 SYMBOLS	6 SYMBOLS
≤ 150mm	204mm	225mm	246mm
150 - 500mm	306mm	338mm	369mm
> 500mm	408mm	450mm	490mm



Length of sheet = outline pipe + 10 - 20%

## WIDTH OF ISO 20560-1 PIPE MARKING WITH ADDITIONAL INFORMATION

PIPEDIAMETER	0 SYMBOLS	1-2 SYMBOLS	3 SYMBOLS	4 SYMBOLS	5 SYMBOLS	6 SYMBOLS
≤ 150mm	189mm	232mm	253mm	274mm	295mm	316mm
150 - 500mm	284mm	348mm	380mm	411mm	443mm	474mm
> 500mm	378mm	464mm	506mm	548mm	590mm	630mm



## SIZE OF INDIVIDUAL ISO 20560-1 PIPE MARKERS

PIPEDIAMETER	0 SYMBOLS	1-2 SYMBOLS	3 SYMBOLS	4 SYMBOLS	5 SYMBOLS	6 SYMBOLS
≤ 150mm	146x34mm	189x34mm	210x34mm	231x34mm	252x34mm	273x34mm
150 - 500mm	219x48mm	284x48mm	315x48mm	347x48mm	378x48mm	410x48mm
> 500mm	292x62mm	378x62mm	420x62mm	462x62mm	504x62mm	546x62mm



## CUSTOM MADE PIPE MARKING

Each pipemarker is dedicated to a particular pipe diameter, see illustration page 90.

Pay attention to insulated pipes for the larger outline.

For the textheight, take care all information is readable from the viewing sides of the pipe.

Please ask our specialists for advice in case of ambiguities.

All desired designs can be developed and produced in the qualities basic line, Polyespro® self-adhesive and Polyespro® PreCoiled.



## EXAMPLES



**QR code incorporated**



**DIN 2403**



**Custom design**



**ISO 14726 with additional information**



**NORSOK single markers**



**NORSOK wrap**



**Single markers custom design**

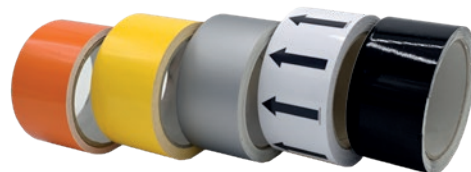
## ISO 14726 (2008) PIPE MARKING

### SINGLE COLOUR ROLLS

#### Self-adhesive, quality Basic Line, rolls 10 meter

To combine the basic colours, supplementary colours and arrow tape by yourself. The arrow tape also can be used for flow direction in two directions, in combination with the complete printed markers.

Roll width 50mm.



COLOUR	DESCRIPTION	ARTICLE NUMBER	COLOUR	DESCRIPTION	ARTICLE NUMBER
	Waste media	PMT050BK		Oil other than fuel	PMT050OG
	Fresh water	PMT050BU		Steam	PMT050BSR
	Fuel	PMT050BN		Fire fighting	PMT050RD
	Sea water	PMT050GN		Air in vent. systems	PMT050WH
	Non-flammable gasses	PMT050GY		Flammable gasses	PMT050YE
	Masses (dry and wet)	PMT050MN		Acids and alkalis	PMT050VT
	Flow direction	PMT050AR			

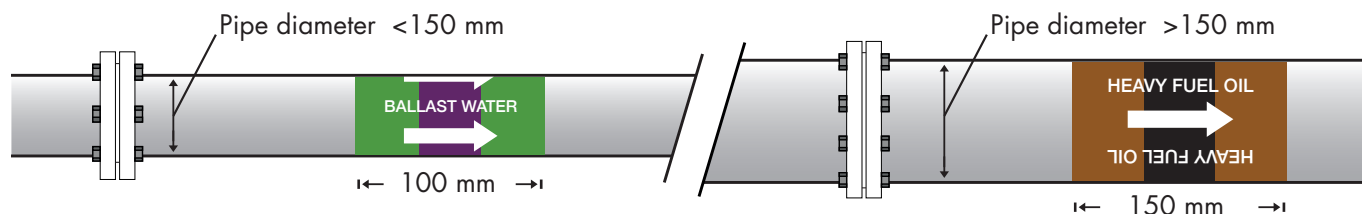
### MULTI COLOUR ROLLS

#### Self-adhesive, quality Basic Line and Economy Line (see page 86) Rolls 10 meter

Comes standard with medium text and flow direction

Upon request also available without text


















More sizes available, depending on pipe diameter



# MARITIME PIPE MARKING COLOUR CODING According ISO 14726

	WASTE MEDIA	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Black water	PM2BKBU_PBZA	PM2BKBU_PBZB	PM2BKBU_PEZA	PM2BKBU_PEZB
	Waste oil	PM2BKBN_PBZA	PM2BKBN_PBZB	PM2BKBN_PEZA	PM2BKBN_PEZB
	Bilge Water	PM2BKGN_PBZA	PM2BKGN_PBZB	PM2BKGN_PEZA	PM2BKGN_PEZB
	Exhaust gas	PM2BKGY_PBZA	PM2BKGY_PBZB	PM2BKGY_PEZA	PM2BKGY_PEZB
	Grey water	PM2BKWH_PBZA	PM2BKWH_PBZB	PM2BKWH_PEZA	PM2BKWH_PEZB
	Sewage contaminated	PM2BKYE_PBZA	PM2BKYE_PBZB	PM2BKYE_PEZA	PM2BKYE_PEZB
	Black water	PM1BKBU_PBZA	PM1BKBU_PBZB	PM1BKBU_PEZA	PM1BKBU_PEZB
	Waste oil	PM1BKBN_PBZA	PM1BKBN_PBZB	PM1BKBN_PEZA	PM1BKBN_PEZB
	Bilge Water	PM1BKGN_PBZA	PM1BKGN_PBZB	PM1BKGN_PEZA	PM1BKGN_PEZB
	Exhaust gas	PM1BKGY_PBZA	PM1BKGY_PBZB	PM1BKGY_PEZA	PM1BKGY_PEZB
	Grey water	PM1BKWH_PBZA	PM1BKWH_PBZB	PM1BKWH_PEZA	PM1BKWH_PEZB
	Sewage contaminated	PM1BKYE_PBZA	PM1BKYE_PBZB	PM1BKYE_PEZA	PM1BKYE_PEZB













	FUEL	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Heavy fuel oil (HFO)	PM2BNBK_PBZA	PM2BNBK_PBZB	PM2BNBK_PEZA	PM2BNBK_PEZB
	Aviation fuel	PM2BNBU_PBZA	PM2BNBU_PBZB	PM2BNBU_PEZA	PM2BNBU_PEZB
	Biological fuel	PM2BNVT_PBZA	PM2BNVT_PBZB	PM2BNVT_PEZA	PM2BNVT_PEZB
	Gas-turbine fuel	PM2BNWH_PBZA	PM2BNWH_PBZB	PM2BNWH_PEZA	PM2BNWH_PEZB
	Marine diesel oil (MDO)	PM2BNEY_PBZA	PM2BNEY_PBZB	PM2BNEY_PEZA	PM2BNEY_PEZB
	Heavy fuel oil (HFO)	PM1BNBK_PBZA	PM1BNBK_PBZB	PM1BNBK_PEZA	PM1BNBK_PEZB
	Aviation fuel	PM1BNBU_PBZA	PM1BNBU_PBZB	PM1BNBU_PEZA	PM1BNBU_PEZB
	Biological fuel	PM1BNVT_PBZA	PM1BNVT_PBZB	PM1BNVT_PEZA	PM1BNVT_PEZB
	Gas-turbine fuel	PM1BNWH_PBZA	PM1BNWH_PBZB	PM1BNWH_PEZA	PM1BNWH_PEZB
	Marine diesel oil (MDO)	PM1BNEY_PBZA	PM1BNEY_PBZB	PM1BNEY_PEZA	PM1BNEY_PEZB

	NON-FLAMMABLE GASSES	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Oxygen	PM2GYBU_PBZA	PM2GYBU_PBZB	PM2GYBU_PEZA	PM2GYBU_PEZB
	Inert gas	PM2GYBN_PBZA	PM2GYBN_PBZB	PM2GYBN_PEZA	PM2GYBN_PEZB
	Nitrogen	PM2GYGN_PBZA	PM2GYGN_PBZB	PM2GYGN_PEZA	PM2GYGN_PEZB
	Refrigerant	PM2GYMN_PBZA	PM2GYMN_PBZB	PM2GYMN_PEZA	PM2GYMN_PEZB
	Compressed air (LP) Low Pressure	PM2GYOG_PBZA	PM2GYOG_PBZB	PM2GYOG_PEZA	PM2GYOG_PEZB
	Compressed air (HP) High Pressure	PM2GYRD_PBZA	PM2GYRD_PBZB	PM2GYRD_PEZA	PM2GYRD_PEZB
	Control air / regulating air	PM2GYVT_PBZA	PM2GYVT_PBZB	PM2GYVT_PEZA	PM2GYVT_PEZB
	Breathing air (used in submarines)	PM2GYWH_PBZA	PM2GYWH_PBZB	PM2GYWH_PEZA	PM2GYWH_PEZB
	Breathing gas (used in submarines)	PM2GYE_PBZA	PM2GYE_PBZB	PM2GYE_PEZA	PM2GYE_PEZB
	Oxygen	PM1GYBU_PBZA	PM1GYBU_PBZB	PM1GYBU_PEZA	PM1GYBU_PEZB
	Inert gas	PM1GYBN_PBZA	PM1GYBN_PBZB	PM1GYBN_PEZA	PM1GYBN_PEZB
	Nitrogen	PM1GYGN_PBZA	PM1GYGN_PBZB	PM1GYGN_PEZA	PM1GYGN_PEZB
	Refrigerant	PM1GYMN_PBZA	PM1GYMN_PBZB	PM1GYMN_PEZA	PM1GYMN_PEZB
	Compressed air (LP) Low Pressure	PM1GYOG_PBZA	PM1GYOG_PBZB	PM1GYOG_PEZA	PM1GYOG_PEZB
	Compressed air (HP) High Pressure	PM1GYRD_PBZA	PM1GYRD_PBZB	PM1GYRD_PEZA	PM1GYRD_PEZB
	Control air / regulating air	PM1GYVT_PBZA	PM1GYVT_PBZB	PM1GYVT_PEZA	PM1GYVT_PEZB
	Breathing air (used in submarines)	PM1GYWH_PBZA	PM1GYWH_PBZB	PM1GYWH_PEZA	PM1GYWH_PEZB
	Breathing gas (used in submarines)	PM1GYE_PBZA	PM1GYE_PBZB	PM1GYE_PEZA	PM1GYE_PEZB

Other texts possible on request

	FRESH WATER	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Fresh water, sanitary	PM2BUBN_PBZA	PM2BUBN_PBZB	PM2BUBN_PEZA	PM2BUBN_PEZB
	Potable water	PM2BUGN_PBZA	PM2BUGN_PBZB	PM2BUGN_PEZA	PM2BUGN_PEZB
	Distillate	PM2BUGY_PBZA	PM2BUGY_PBZB	PM2BUGY_PEZA	PM2BUGY_PEZB
	Gas-turbine wash water	PM2BUOG_PBZA	PM2BUOG_PBZB	PM2BUOG_PEZA	PM2BUOG_PEZB
	Feed water	PM2BUSR_PBZA	PM2BUSR_PBZB	PM2BUSR_PEZA	PM2BUSR_PEZB
	Cooling fresh water	PM2BUVT_PBZA	PM2BUVT_PBZB	PM2BUVT_PEZA	PM2BUVT_PEZB
	Chilled water	PM2BUWH_PBZA	PM2BUWH_PBZB	PM2BUWH_PEZA	PM2BUWH_PEZB
	Condensate	PM2BUYE_PBZA	PM2BUYE_PBZB	PM2BUYE_PEZA	PM2BUYE_PEZB
	Fresh water, sanitary	PM1BUBN_PBZA	PM1BUBN_PBZB	PM1BUBN_PEZA	PM1BUBN_PEZB
	Potable water	PM1BUGN_PBZA	PM1BUGN_PBZB	PM1BUGN_PEZA	PM1BUGN_PEZB
	Distillate	PM1BUGY_PBZA	PM1BUGY_PBZB	PM1BUGY_PEZA	PM1BUGY_PEZB
	Gas-turbine wash water	PM1BUOG_PBZA	PM1BUOG_PBZB	PM1BUOG_PEZA	PM1BUOG_PEZB
	Feed water	PM1BUSR_PBZA	PM1BUSR_PBZB	PM1BUSR_PEZA	PM1BUSR_PEZB
	Cooling fresh water	PM1BUVT_PBZA	PM1BUVT_PBZB	PM1BUVT_PEZA	PM1BUVT_PEZB
	Chilled water	PM1BUWH_PBZA	PM1BUWH_PBZB	PM1BUWH_PEZA	PM1BUWH_PEZB
	Condensate	PM1BUYE_PBZA	PM1BUYE_PBZB	PM1BUYE_PEZA	PM1BUYE_PEZB

	SEA WATER	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Decontamination water	PM2GNBU_PBZA	PM2GNBU_PBZB	PM2GNBU_PEZA	PM2GNBU_PEZB
	Sea water, sanitary	PM2GNBN_PBZA	PM2GNBN_PBZB	PM2GNBN_PEZA	PM2GNBN_PEZB
	Ballast water	PM2GNVT_PBZA	PM2GNVT_PBZB	PM2GNVT_PEZA	PM2GNVT_PEZB
	Cooling sea water	PM2GNYE_PBZA	PM2GNYE_PBZB	PM2GNYE_PEZA	PM2GNYE_PEZB
	Decontamination water	PM1GNBU_PBZA	PM1GNBU_PBZB	PM1GNBU_PEZA	PM1GNBU_PEZB
	Sea water, sanitary	PM1GNBN_PBZA	PM1GNBN_PBZB	PM1GNBN_PEZA	PM1GNBN_PEZB
	Ballast water	PM1GNVT_PBZA	PM1GNVT_PBZB	PM1GNVT_PEZA	PM1GNVT_PEZB
	Cooling sea water	PM1GNYE_PBZA	PM1GNYE_PBZB	PM1GNYE_PEZA	PM1GNYE_PEZB

	OILS OTHER THAN FUEL	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Thermal fluid	PM2OGBU_PBZA	PM2OGBU_PBZB	PM2OGBU_PEZA	PM2OGBU_PEZB
	Lubrication oil for gas turbines	PM2OGGN_PBZA	PM2OGGN_PBZB	PM2OGGN_PEZA	PM2OGGN_PEZB
	Hydraulic fluid	PM2OGGY_PBZA	PM2OGGY_PBZB	PM2OGGY_PEZA	PM2OGGY_PEZB
	Lubrication oil for steam turbines	PM2OGSR_PBZA	PM2OGSR_PBZB	PM2OGSR_PEZA	PM2OGSR_PEZB
	Lubrication oil for gears	PM2OGVT_PBZA	PM2OGVT_PBZB	PM2OGVT_PEZA	PM2OGVT_PEZB
	Lubr. oil for internal combustion engines	PM2OGYE_PBZA	PM2OGYE_PBZB	PM2OGYE_PEZA	PM2OGYE_PEZB
	Thermal fluid	PM1OGBU_PBZA	PM1OGBU_PBZB	PM1OGBU_PEZA	PM1OGBU_PEZB
	Lubrication oil for gas turbines	PM1OGGN_PBZA	PM1OGGN_PBZB	PM1OGGN_PEZA	PM1OGGN_PEZB
	Hydraulic fluid	PM1OGGY_PBZA	PM1OGGY_PBZB	PM1OGGY_PEZA	PM1OGGY_PEZB
	Lubrication oil for steam turbines	PM1OGSR_PBZA	PM1OGSR_PBZB	PM1OGSR_PEZA	PM1OGSR_PEZB
	Lubrication oil for gears	PM1OGVT_PBZA	PM1OGVT_PBZB	PM1OGVT_PEZA	PM1OGVT_PEZB
	Lubr. oil for internal combustion engines	PM1OGYE_PBZA	PM1OGYE_PBZB	PM1OGYE_PEZA	PM1OGYE_PEZB

	FLAMMABLE GASSES	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Hydrogen	PM2YEBU_PBZA	PM2YEBU_PBZB	PM2YEBU_PEZA	PM2YEBU_PEZB
	Acetylene	PM2YEGY_PBZA	PM2YEGY_PBZB	PM2YEGY_PEZA	PM2YEGY_PEZB
	Liquid gas	PM2YEVT_PBZA	PM2YEVT_PBZB	PM2YEVT_PEZA	PM2YEVT_PEZB
	Hydrogen	PM1YEBU_PBZA	PM1YEBU_PBZB	PM1YEBU_PEZA	PM1YEBU_PEZB
	Acetylene	PM1YEGY_PBZA	PM1YEGY_PBZB	PM1YEGY_PEZA	PM1YEGY_PEZB
	Liquid gas	PM1YEVT_PBZA	PM1YEVT_PBZB	PM1YEVT_PEZA	PM1YEVT_PEZB

Other texts possible on request



	FIRE-FIGHTING/FIRE PROTECTION	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Fire-fighting water	PM2RDGN_PBZA	PM2RDGN_PBZB	PM2RDGN_PEZA	PM2RDGN_PEZB
	Fire-fighting gas	PM2RDGY_PBZA	PM2RDGY_PBZB	PM2RDGY_PEZA	PM2RDGY_PEZB
	Sprinkler water	PM2RDOG_PBZA	PM2RDOG_PBZB	PM2RDOG_PEZA	PM2RDOG_PEZB
	Spray water	PM2RDVT_PBZA	PM2RDVT_PBZB	PM2RDVT_PEZA	PM2RDVT_PEZB
	Fire-fighting powder	PM2RDWH_PBZA	PM2RDWH_PBZB	PM2RDWH_PEZA	PM2RDWH_PEZB
	Fire-fighting foam	PM2RDYE_PBZA	PM2RDYE_PBZB	PM2RDYE_PEZA	PM2RDYE_PEZB
	Fire-fighting water	PM1RDGN_PBZA	PM1RDGN_PBZB	PM1RDGN_PEZA	PM1RDGN_PEZB
	Fire-fighting gas	PM1RDGY_PBZA	PM1RDGY_PBZB	PM1RDGY_PEZA	PM1RDGY_PEZB
	Sprinkler water	PM1RDOG_PBZA	PM1RDOG_PBZB	PM1RDOG_PEZA	PM1RDOG_PEZB
	Spray water	PM1RDVT_PBZA	PM1RDVT_PBZB	PM1RDVT_PEZA	PM1RDVT_PEZB
	Fire-fighting powder	PM1RDWH_PBZA	PM1RDWH_PBZB	PM1RDWH_PEZA	PM1RDWH_PEZB
	Fire-fighting foam	PM1RDYE_PBZA	PM1RDYE_PBZB	PM1RDYE_PEZA	PM1RDYE_PEZB

	AIR IN VENTILATION SYSTEMS	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Discharge air	PM2WHBL_PBZA	PM2WHBL_PBZB	PM2WHBL_PEZA	PM2WHBL_PEZB
	Mechanical supply air, cold	PM2WHBU_PBZA	PM2WHBU_PBZB	PM2WHBU_PEZA	PM2WHBU_PEZB
	Natural exhaust air	PM2WHBN_PBZA	PM2WHBN_PBZB	PM2WHBN_PEZA	PM2WHBN_PEZB
	Atmospheric air	PM2WHGN_PBZA	PM2WHGN_PBZB	PM2WHGN_PEZA	PM2WHGN_PEZB
	Mechanical exhaust air	PM2WHGY_PBZA	PM2WHGY_PBZB	PM2WHGY_PEZA	PM2WHGY_PEZB
	Decontaminated supply air	PM2WHMN_PBZA	PM2WHMN_PBZB	PM2WHMN_PEZA	PM2WHMN_PEZB
	Mechanical recirculated air	PM2WHOG_PBZA	PM2WHOG_PBZB	PM2WHOG_PEZA	PM2WHOG_PEZB
	Mechanical supply air warm	PM2WHSR_PBZA	PM2WHSR_PBZB	PM2WHSR_PEZA	PM2WHSR_PEZB
	Smoke clearance	PM2WHRD_PBZA	PM2WHRD_PBZB	PM2WHRD_PEZA	PM2WHRD_PEZB
	Conditioned supply air	PM2WHVT_PBZA	PM2WHVT_PBZB	PM2WHVT_PEZA	PM2WHVT_PEZB
	Natural supply air	PM2WHYE_PBZA	PM2WHYE_PBZB	PM2WHYE_PEZA	PM2WHYE_PEZB
	Discharge air	PM1WHBL_PBZA	PM1WHBL_PBZB	PM1WHBL_PEZA	PM1WHBL_PEZB
	Mechanical supply air, cold	PM1WHBU_PBZA	PM1WHBU_PBZB	PM1WHBU_PEZA	PM1WHBU_PEZB
	Natural exhaust air	PM1WHBN_PBZA	PM1WHBN_PBZB	PM1WHBN_PEZA	PM1WHBN_PEZB
	Atmospheric air	PM1WHGN_PBZA	PM1WHGN_PBZB	PM1WHGN_PEZA	PM1WHGN_PEZB
	Mechanical exhaust air	PM1WHGY_PBZA	PM1WHGY_PBZB	PM1WHGY_PEZA	PM1WHGY_PEZB
	Decontaminated supply air	PM1WHMN_PBZA	PM1WHMN_PBZB	PM1WHMN_PEZA	PM1WHMN_PEZB
	Mechanical recirculated air	PM1WHOG_PBZA	PM1WHOG_PBZB	PM1WHOG_PEZA	PM1WHOG_PEZB
	Mechanical supply air warm	PM1WHSR_PBZA	PM1WHSR_PBZB	PM1WHSR_PEZA	PM1WHSR_PEZB
	Smoke clearance	PM1WHRD_PBZA	PM1WHRD_PBZB	PM1WHRD_PEZA	PM1WHRD_PEZB
	Conditioned supply air	PM1WHVT_PBZA	PM1WHVT_PBZB	PM1WHVT_PEZA	PM1WHVT_PEZB
	Natural supply air	PM1WHYE_PBZA	PM1WHYE_PBZB	PM1WHYE_PEZA	PM1WHYE_PEZB

	STEAM	BASIC 100mm	BASIC 150mm	ECONOMY 100mm	ECONOMY 150mm
	Steam for heating purposes	PM2SRBK_PBZA	PM2SRBK_PBZB	PM2SRBK_PEZA	PM2SRBK_PEZB
	Driving steam	PM2SRGN_PBZA	PM2SRGN_PBZB	PM2SRGN_PEZA	PM2SRBK_PEZB
	Exhaust system	PM2SRWH_PBZA	PM2SRWH_PBZB	PM2SRWH_PEZA	PM2SRWH_PEZB
	Supply steam	PM2SRYE_PBZA	PM2SRYE_PBZB	PM2SRYE_PEZA	PM2SRYE_PEZB
	Steam for heating purposes	PM1SRBK_PBZA	PM1SRBK_PBZB	PM1SRBK_PEZA	PM1SRBK_PEZB
	Driving steam	PM1SRGN_PBZA	PM1SRGN_PBZB	PM1SRGN_PEZA	PM1SRBK_PEZB
	Exhaust system	PM1SRWH_PBZA	PM1SRWH_PBZB	PM1SRWH_PEZA	PM1SRWH_PEZB
	Supply steam	PM1SRYE_PBZA	PM1SRYE_PBZB	PM1SRYE_PEZA	PM1SRYE_PEZB

Other texts possible on request

# ELECTRICAL ESCAPE SIGNS



## ELECTRICAL ESCAPE SIGNS

We offer a selected range of electrical escape signs for installation in an escape route signage system. Electrical escape signs are used to show personnel and guests where to go in the event of a fire or other emergency. Electrical escape signs are an essential part of an effective escape route signage system to create a coherent whole of Low location lighting, including escape signs, signs applied at eye level, signage indicating how to reach the assembly station(s) and instructions for guests and staff in the cabins and common areas.

### Why choose led escape signs

Visibility, brightness and long life are the key factors when purchasing illuminated escape signs. Light emitting diode or LED escape signs have proven to be successful in reducing electricity consumption up to 85%. LED escape signs can save money and power while emitting considerable amounts of light. Because LED lights don't have a wire to burn out, they also have a much longer lifespan, making them more cost-efficient. A led escape sign is very bright and visible and can be seen even through some smoke.



A lot can happen in an emergency situation, including a loss of wired electrical power. Naturally, finding the way to safety (e.g. an embarkation station on a ship) in these situations are critical, which is why some of our led escape signs are offered with battery backups. If electricity cuts out, the sign automatically begins drawing from its installed batteries to provide uninterrupted illumination.





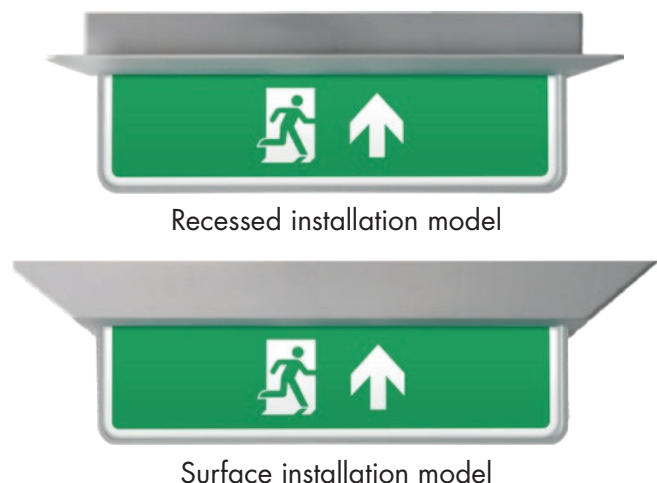
## MARITIME SAFESIGN LED ESCAPE SIGN



### General description

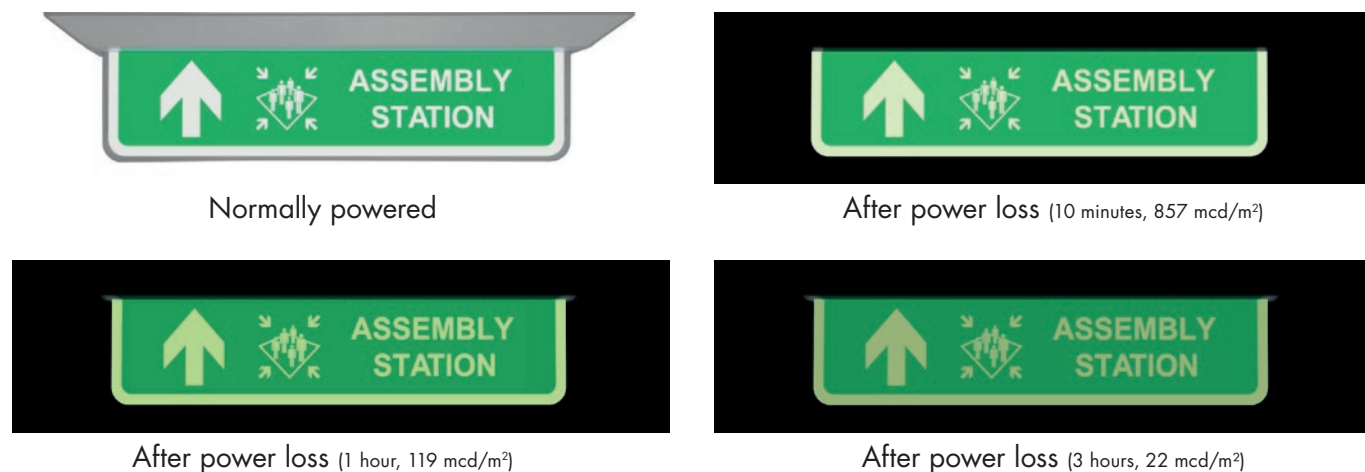
Our 'Dutch Design' premium quality range of LED Escape signs are designed to clearly identify escape routes, executed in a timeless design that fits in with contemporary naval architecture. Our range of LED Escape signs allow for easy installation and provide a reliable and stylish solution for use onboard cruise ships, ferries, offshore installations and commercial ships.

The 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.



### Electrical and photoluminescent in one: the best of both worlds

As a result of an innovation that comes from our many years of experience in supplying various markets with photoluminescent signs and Low Location Lighting, we have combined two techniques in our SafeSign LED Escape signs; the main power source is electricity, but when the power is lost as a result of a calamity, the photoluminescent capabilities of the sign take over, providing the users with a very clear sign to the exit.





### Examples safety sign layouts

See "Escape Route signs" page 12 to 21 for all layouts.



ES1001



ES1001



ES5131

#### Technical data





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

#### Approval

- CE approved
- RINA

### 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: LX070RLD + ES5134.

Article number	Description	Type	Dimensions
LX070RLS	LED Escape sign recessed installation Insert height 70 mm 	LED single sided	370 x 115 x 114 mm
LX070RLD		LED double sided	370 x 115 x 114 mm
LX070RPS		LED photoluminescent single sided	370 x 115 x 114 mm
LX070RPD		LED photoluminescent double sided	370 x 115 x 114 mm
LX070SLS	LED Escape sign surface installation Insert height 70 mm 	LED single sided	430 x 125 x 114 mm
LX070SLD		LED double sided	430 x 125 x 114 mm
LX070SPS		LED photoluminescent single sided	430 x 125 x 114 mm
LX070SPD		LED photoluminescent double sided	430 x 125 x 114 mm
LX0150RLS	LED Escape sign recessed installation Insert height 150 mm 	LED single sided	370 x 115 x 190 mm
LX0150RLD		LED double sided	370 x 115 x 190 mm
LX0150RPS		LED photoluminescent single sided	370 x 115 x 190 mm
LX0150RPD		LED photoluminescent double sided	370 x 115 x 190 mm
LX0150SLS	LED Escape sign surface installation Insert height 150 mm 	LED single sided	430 x 125 x 114 mm
LX0150SLD		LED double sided	430 x 125 x 114 mm
LX0150SPS		LED photoluminescent single sided	430 x 125 x 114 mm
LX0150SPD		LED photoluminescent double sided	430 x 125 x 114 mm

## EXPLOSION PROOF LED LARGE ESCAPE SIGN



### General description

The Explosion Proof LED Large Escape Sign is designed to operate in hostile environments. Constructed from corrosion resistant materials, this Escape light 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 vapors and/or combustible dust exist. In these types of environments, a normal fixture could accidentally ignite an explosive reaction. As a result, this is the ideal Escape Sign in spaces with high explosive atmosphere.

### Technical data

Capacity: 25 W

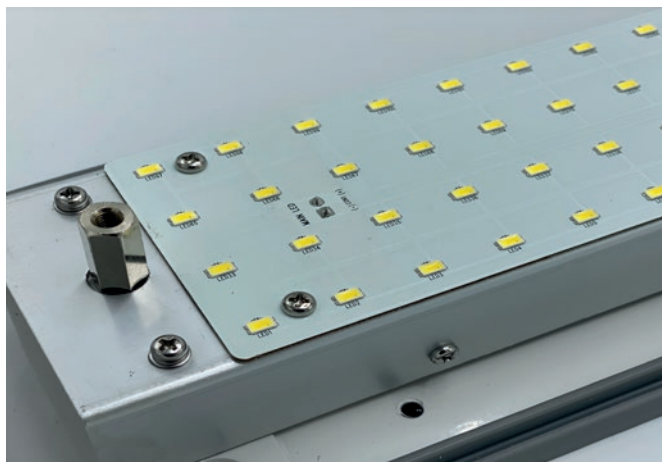
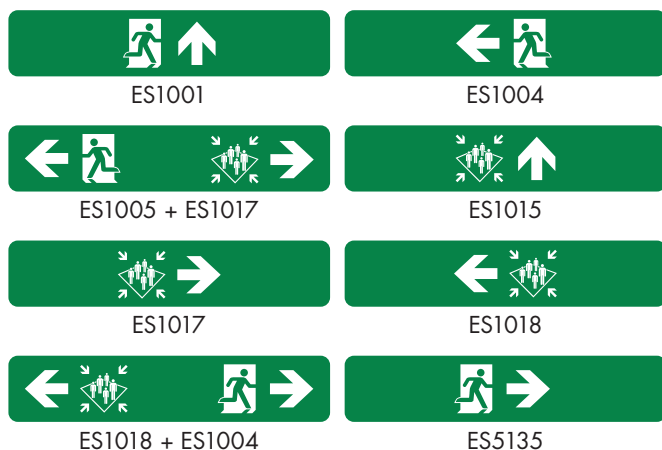
Materials:

- Body: Glassfiber Reinforced Polyester
- Globe: Clear polycarbonate

Protection degree: IP66 /IP67

### Examples safety sign layouts

See "Escape Route signs" page 12 to 21 for all layouts.



### Approval

- 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

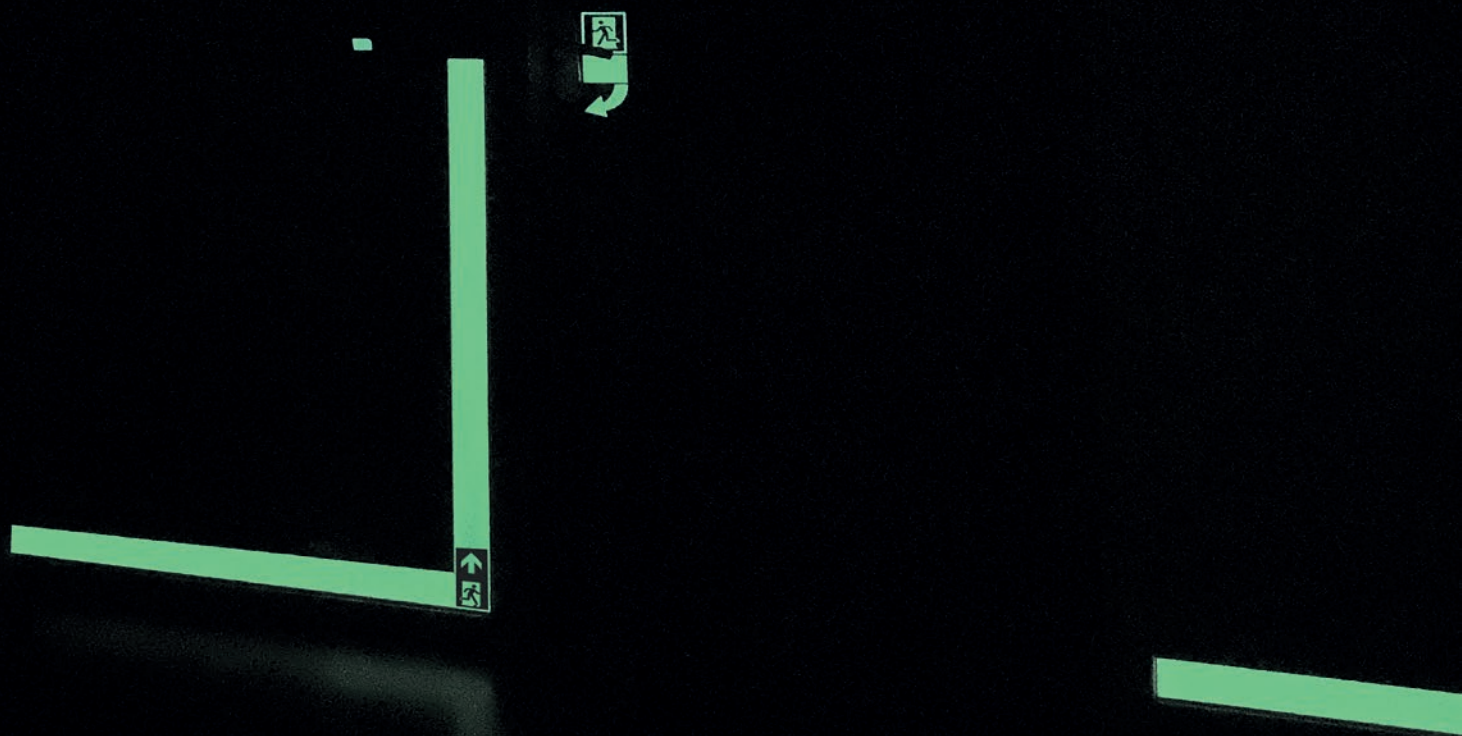
Article number	Description	Dimensions	Weight
LXP200S	EX Proof LED Large Escape Sign	745 x 213 x 147 mm	6,5 kg







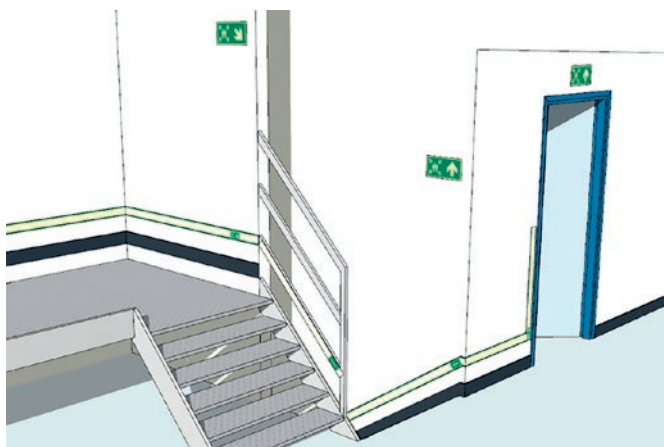
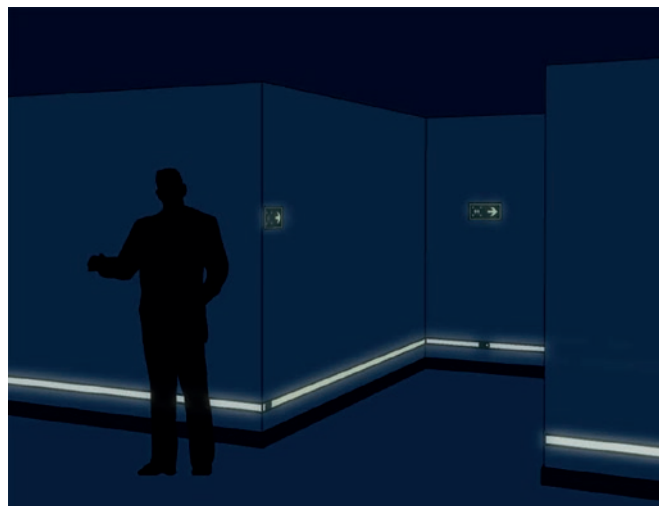
# SAFETY WAY GUIDANCE SYSTEM





## SAFETY WAY GUIDANCE SYSTEM

In case of a fire or another emergency a clear identification of escape routes has the highest priorities. An installed safety way guidance system in buildings (ISO 16069) or onboard passenger vessels (ISO 15370), can guide people in all conditions, such as smoke and/or power failure, evacuations to a safe place. And as an additional benefit, the safety way guidance system will assist firefighters and other rescue teams to evacuate occupied areas during emergency situations.



## INNOVATIVE NEW MATERIAL: PET-X

T-ISS 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
- 5 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

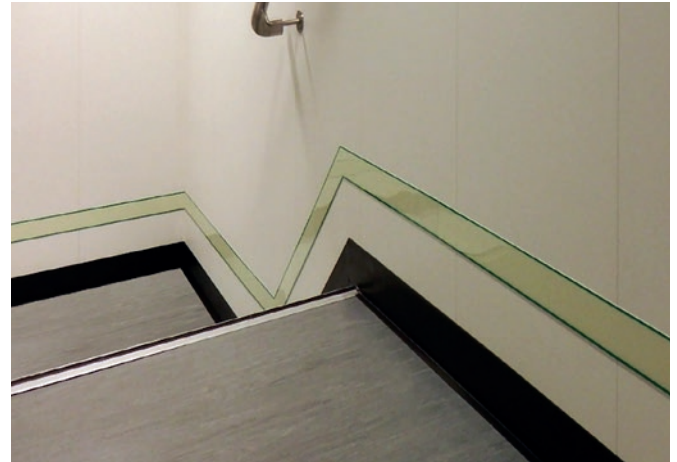


## LIGHTLINE PET-X STRIPS



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 on required lengths can be done easily with a knife. The system is finalized by positioning the LLL signs/stickers at the right places. When you choose to install our LightLine system, time savings up to 200% can be achieved.

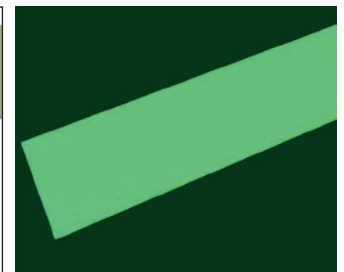
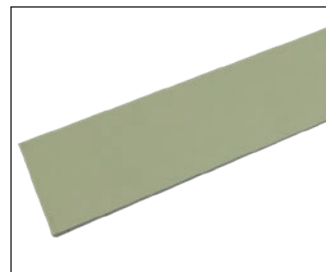
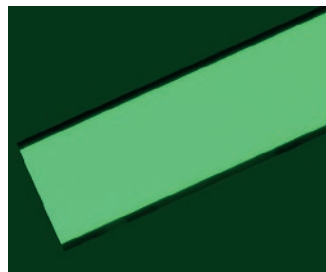
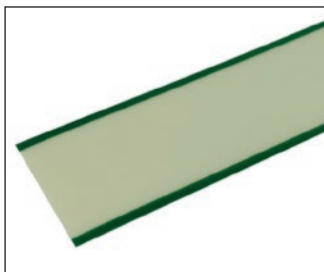
LightLine Pet-X photoluminescent strips are Non PVC/ Halogen-free plastic strips with backlighting material and a strong self-adhesive foam tape on the back. The material has a 'glossy' finish which is easy to clean and gives it a high quality appearance. The LightLine strips are available with or without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



LightLine strips have a standard length of 1 m, 50 mm height and are produced with the high luminescence class XXL. All strips have a self-adhesive backing for easy fixing during new builds or refurbishment projects. LightLine strips are besides Non PVC/halogen-free, flame retardant and therefore exceeding all current requirements. Upon request we can manufacture LightLine strips in other widths and/or with other coloured marking stripes.



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.



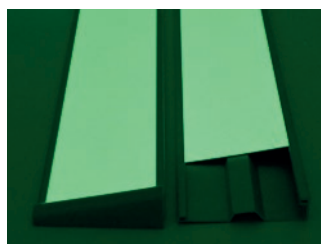
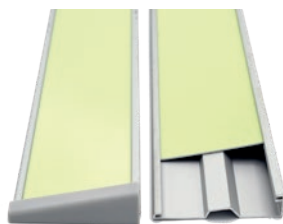
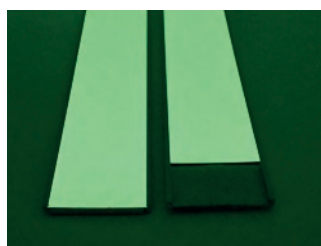
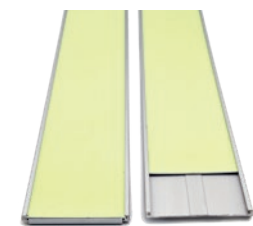
Article number	Description	Dimensions	Quality	Thickness
SX060CG	LightLine Strip Pet-X green edges	1 m x 60 mm (50 mm)	XXL	1,5 mm
SX100CG	LightLine Strip Pet-X green edges	1 m x 100 mm (90 mm)	XXL	1,5 mm
SX040CN	LightLine Strip Pet-X neutral	1 m x 40 mm	XXL	1,5 mm
SX050CN	LightLine Strip Pet-X neutral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

## ALUMINIUM PROFILES AND INSERTS



Our LightLine LLL Profile System is a system consisting of an extruded aluminium carrier 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.



Article number	Description	Dimensions	Quality
IPA055CN	LightLine Insert PVC for angled profile	1 m 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	1 m 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



## LIGHTLINE PHOTOLUMINESCENT TAPES

### T-ISS 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	-	-

### T-ISS 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	-



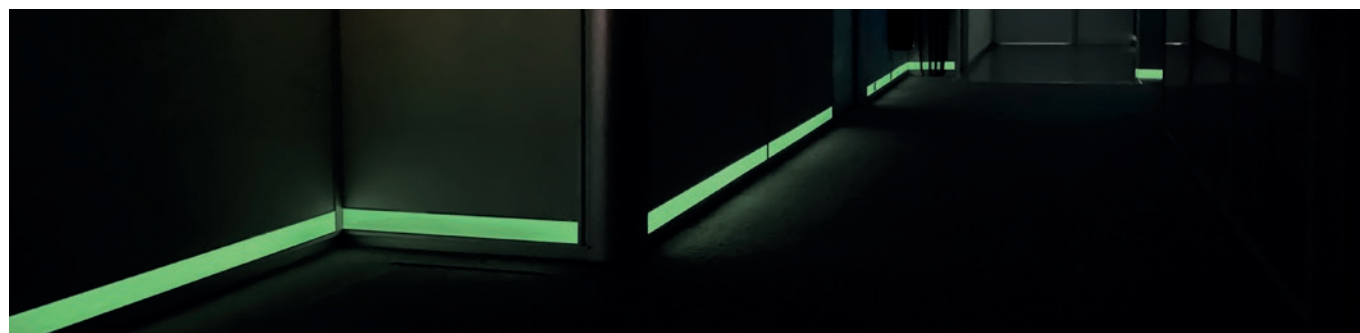
According ISO 15370;  
Only dead-end corridors

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	-



## SAFETY WAY GUIDANCE MINI SYMBOLS
















In order to communicate safety way guidance information across language barriers, escape symbols should be included in the photoluminescent strips. These safety signs shall have a minimum height of 50 mm according to ISO 16069 and ISO 15370.

These mini symbols can be self-adhesive translucent stickers for installation on the photoluminescent strips. For use at smaller strips or adjacent to the guidance strips, Pet-X mini symbols are available.

Symbol	Description	Dimensions	Article number
	Emergency exit (left hand)	50 x 50 mm	ES0001
	Emergency exit (right hand)	50 x 50 mm	ES0002
	Evacuation assembly point	50 x 50 mm	ES0003
	Shipboard assembly station	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 forward/Esc. door	100 x 50 mm	ES1001
	Escape door opens left	100 x 50 mm	ES1002
	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



## SAFETY WAY GUIDANCE MINI SYMBOLS

Symbol	Description	Dimensions	Article number
	Assembly station forward (through door)	100 x 50 mm	ES1030
	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
	Lifeboat left	100 x 50 mm	ES1052
	Lifeboat right	100 x 50 mm	ES1053
	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

## SAFETY WAY GUIDANCE MINI SYMBOLS

Symbol	Description	Dimensions	Article number
	Assembly station left vertical	50 x 100 mm	ES1106
	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
	Fire hydrant	50 x 50 mm	FC0048

**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.**



## MEASUREMENTS AND CERTIFICATION

### 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 that need to be installed.

T-ISS is accredited by DNV to execute Low Maritime Location Lighting measurement services, our 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. Our engineers will test the luminance of your LLL systems on-board with fully certified test equipment. The photoluminescence measurement process as well as equipment are all certified by DNV.

### Luminance properties

The rules, regulations and standards classify the luminance of signage and low location light systems as per below table, SafeSign products meet or exceed the required luminance.



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

The mentioned value's according to IMO Res. A 752(18) in above table are applicable when the width of the photoluminescent LLL is 75 mm. For all other heights, the values need to be re-calculated as specified in ISO15370:2021 Annex D. Below table show the minimum requirement for different widths.

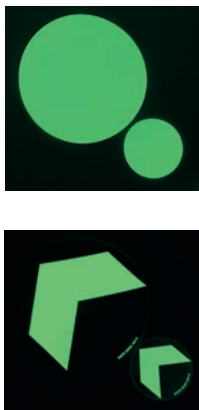
Height of LLL system in mm	Luminescent intensity (mcd/m <sup>2</sup> ) (After removing the existing light)	
	10 minutes	60 minutes
75 mm	15,0 mcd/m <sup>2</sup>	2,0 mcd/m <sup>2</sup>
65 mm	23,4 mcd/m <sup>2</sup>	3,1 mcd/m <sup>2</sup>
50 mm	33,8 mcd/m <sup>2</sup>	4,5 mcd/m <sup>2</sup>
40 mm	52,7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

## ADDITIONAL SAFETY WAY GUIDANCE PRODUCTS

### TRAILDOTS

Photoluminescent aluminium traildots for marking routes with or without arrow. In diameter 90 mm or 200 mm. All traildots have a self-adhesive backing.

Also available: a special mounting bracket designed for anti-skid traildots to fix on metal stair steps. Please contact us for more information of these mounting brackets.



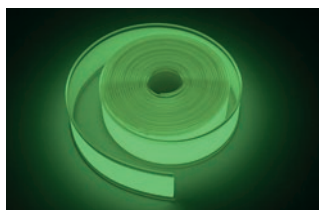
Article number	Description	Dimension
DOT090N-A	LLL Traildot antiskid neutral	Ø 90 mm
DOT200N-A	LLL Traildot antiskid neutral	Ø 200 mm
DOT090A-A	LLL Traildot antiskid arrow	Ø 90 mm
DOT200A-A	LLL Traildot antiskid arrow	Ø 200 mm
DOT090N-S	LLL Traildot smooth neutral	Ø 90 mm

### LIGHTLINE PU GUIDELINE

The PU guideline is extremely flexible and can be used for the marking of stairs, stairnoses and contourmarking. It has an anti-slip surface and is resistant against most chemicals. It can be fixed with doublesided foam tape or glue.

#### Technical data

Width: 40 mm, insertstrip 35 mm  
Afterglow: 10 min. 200 mcd/m<sup>2</sup>  
60 min. 28 mcd/m<sup>2</sup>

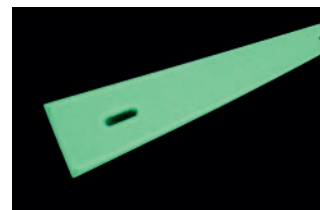


### SLOT STRIP

Our 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
LLPUG	LightLine PU Guideline	40 mm x 10 m

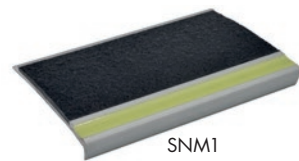
Art. number	Description	Dimension
ALUSLOT4	LLL Slot Strip	1000 mm x 50 mm

## ADDITIONAL SAFETY WAY GUIDANCE PRODUCTS

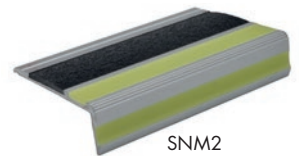
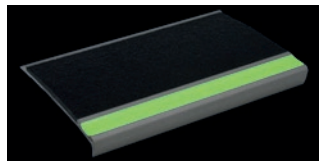
### STAIRNOSE MARKERS

Luminous stair step signs for marking stairs in escape routes mainly include stair step strips, side edge markers and round wall or floordots. Like regular stair step strips, our photoluminescent stair step strips also has an anti-slip coating which will reduce falling or tripping. The strips clearly display the steps at night or during a power failure.

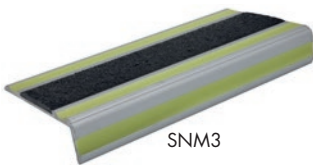
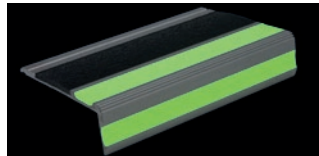
Luminance intensity (mcd/m <sup>2</sup> )	10 min	60 min
Quality XXL	700 mcd/m <sup>2</sup>	100 mcd/m <sup>2</sup>



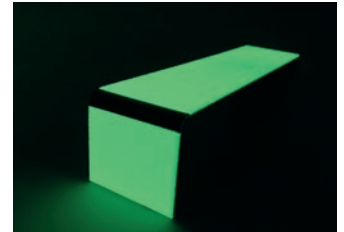
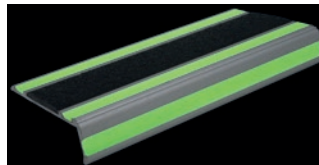
SNM1



SNM2



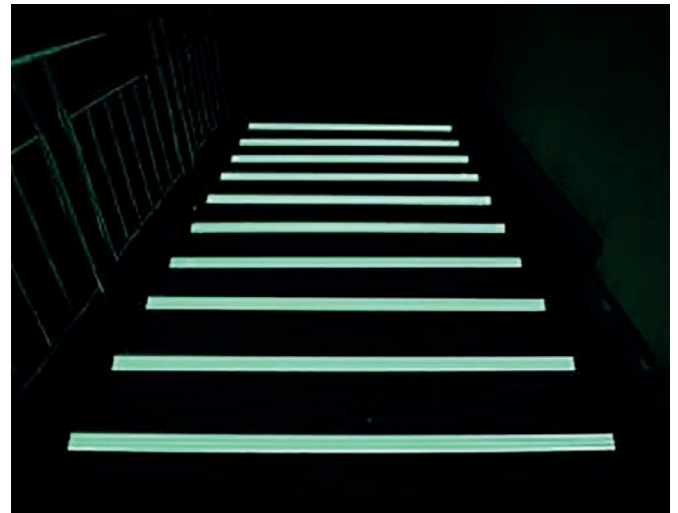
SNM3



Including a self adhesive backing and 90 degrees angle (200 + 40 mm).

Article number	Description	Dimension
SEM50A	Stair edge marker	50 x 200 mm

Article number	Description	Dimension
SNM1-100	Stair nose marker	1,0 m x 75 mm
SNM1-120	Stair nose marker	1,2 m x 75 mm
SNM2-100	Stair nose marker	1,0 m x 75 mm
SNM2-120	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 T-ISS Photoluminescent rope is made out of photoluminescent pigment and high quality resin. After absorbing visible light, the Photoluminescent rope will glow for 8 up to 12 hours in the darkness.



Article number	Description	Dimension
PHROPE100	Photoluminescent rope	16 mm x 100 m
PHROPECL	Photoluminescent rope	Custom length



# INDUSTRIAL SAFETY TAPES





## SAFETY MARKING TAPE PHOTOLUMINESCENT

### General description

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

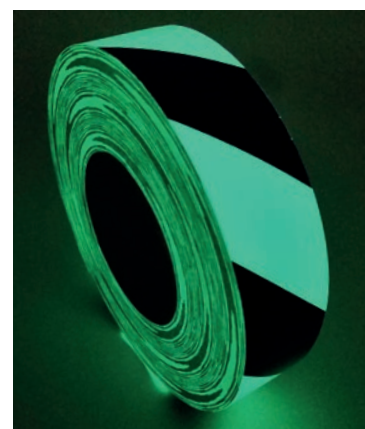
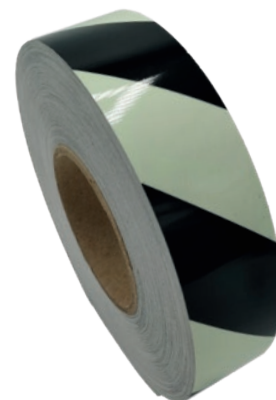
### Technical data

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

Luminance intensity (mcd / m <sup>2</sup> )	10 min	60 min
Class XXL	200	30
Class L	50	7

### 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	-
SMTV040AG	Safety Marking Tape PVC green	40 mm x 10 m	L	332034	4752034
SMTV080AG	Safety Marking Tape PVC green	80 mm x 10 m	L	332038	-



Other widths available on request

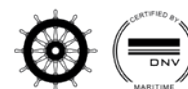
Article number	Description	Dimensions	Quality	IMPA	ISSA
SMTV040CR	Safety Marking Tape PVC red	40 mm x 10 m	XXL	332054	4752054
SMTV080CR	Safety Marking Tape PVC red	80 mm x 10 m	XXL	332058	-
SMTV040AR	Safety Marking Tape PVC red	40 mm x 10 m	L	332054	4752054
SMTV080AR	Safety Marking Tape PVC red	80 mm x 10 m	L	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	-
SMTV040AB	Safety Marking Tape PVC Black	40 mm x 10 m	L	332044	4752044
SMTV080AB	Safety Marking Tape PVC Black	80 mm x 10 m	L	332048	-

## LIGHTLINE PHOTOLUMINESCENT TAPES



### General description

T-ISS manufactures various photoluminescent tapes to indicate escape routes. 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.

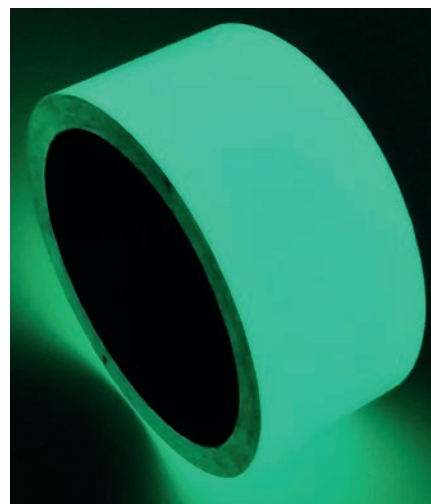
All the photoluminescent tapes complies with the IMO & SOLAS regulations. They have a strong adhesive layer which ensures an extremely good adhesion on many different substrates. The tapes are specially designed for mounting on board of ships and have excellent aging and weather resistant properties. 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 <sup>2</sup> )	10 min	60 min
Class XXL	200	30
Class XL	100	10



### Approvals

- Wheelmark
- DNV

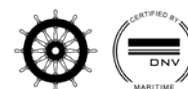
### Standards

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

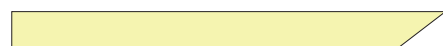
### T-ISS LightLine Tape PET

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	-	-



## T-ISS 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	-



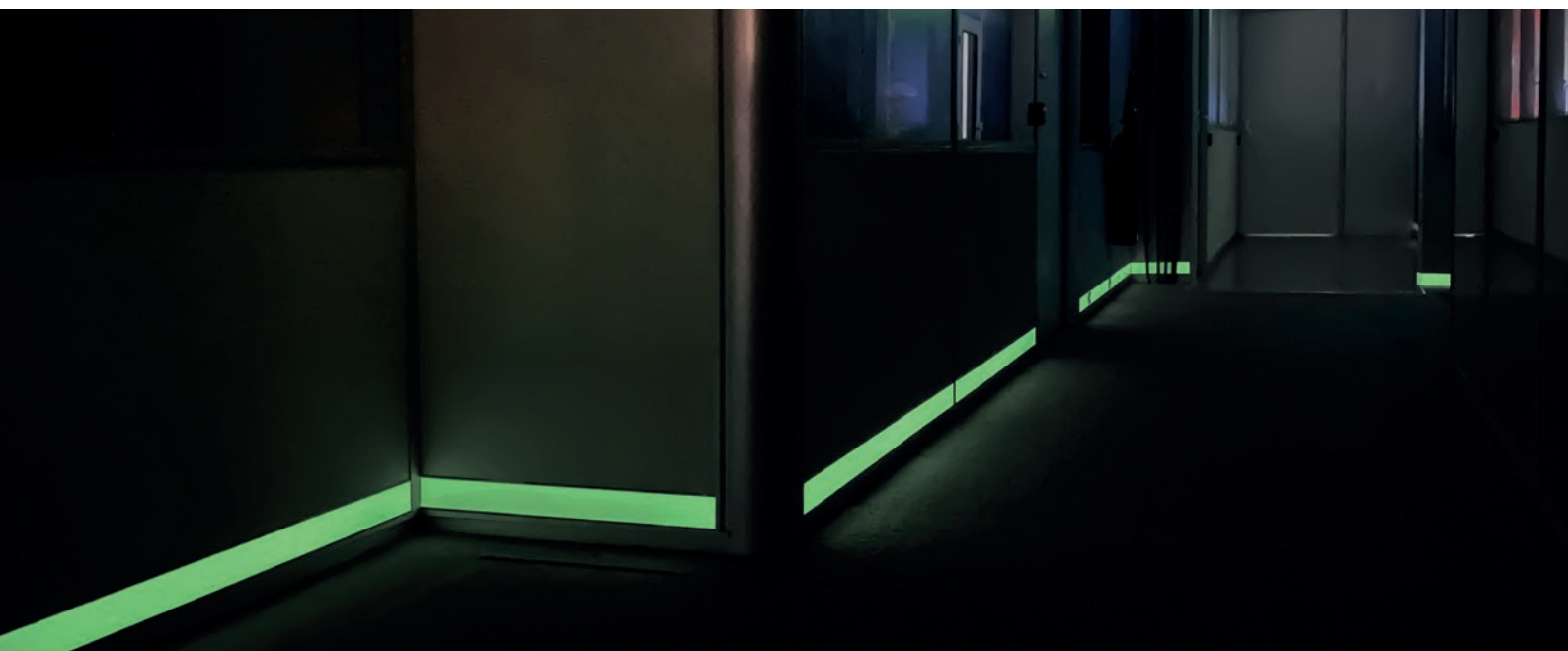
According ISO 15370;  
Only dead-end corridors

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.

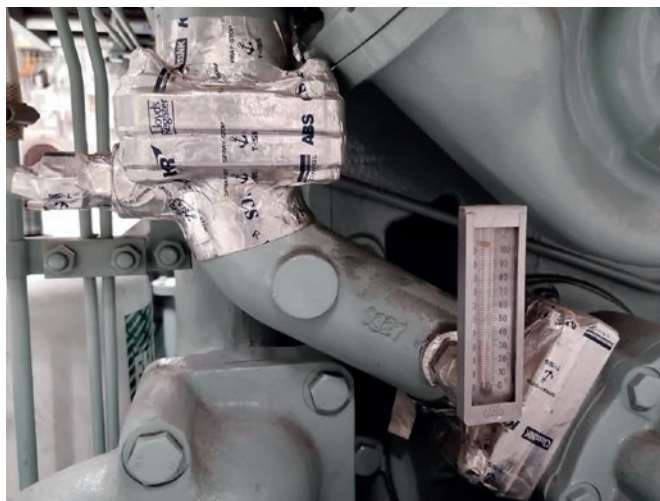
Article number	Description	Dimensions	Quality	IMPA	ISSA
LLTV040CE	LightLine Tape PVC escape direction	40mm x 10mtr	XXL	332024	4752024
LLTV050CE	LightLine Tape PVC escape direction	50mm x 10mtr	XXL	-	-
LLTV080CE	LightLine Tape PVC escape direction	80mm x 10mtr	XXL	332028	-
LLTV040BE	LightLine Tape PVC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



## SPRAY STOP ANTI-SPLASHING TAPE

### General description

T-ISS 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

### Approvals

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



Note; other widths available on request

### 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 ANTI-SPLASHING TAPE 50+



### General description

T-ISS 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

## **SOLASFLEX RETRO REFLECTIVE TAPE**



**TYPE II Approved A658(16).**  
**Highly weather resistant for continuous outdoor exposure.**

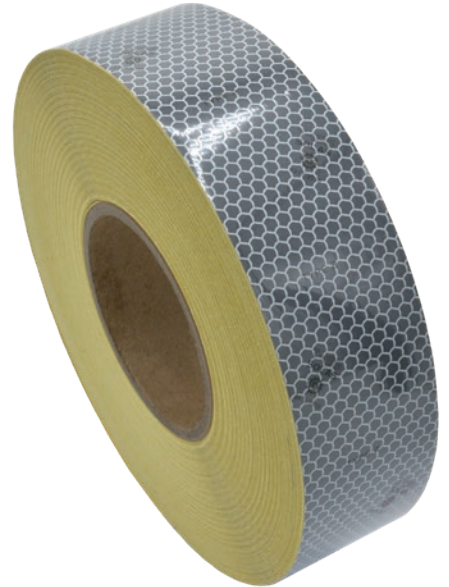
### **General description**

SolasFlex Retro Reflective Tape is used for the reflection of SOLAS life saving appliances such as life jackets, life rafts or life boats. Our SolasFlex Retro Reflective Tape is an encapsulated lens sheet provided with a flexible and fully transparent plastic foil. The tape is specially designed for the marine / offshore industry, has a long life span, high clarity and anti-amination. All our reflective tapes consist of an encapsulated optical design with a high reflective value that is clearly visible from every angle, both in dry and wet conditions.

Our SolasFlex Retro Reflective Tape is type II approved according IMO A658(16), this means it can be used indoor as well as outdoor and is suitable for all applications, extreme weather conditions and continuous outdoor exposure.

By applying SolasFlex Retro Reflective Tape the life saving appliances will be highly visible, when for example helicopter lights are used to search for these objects.

**The tape is available as self-adhesive and stitchable.**





**Technical data**

Thickness: 0,1 mm

**Benefits & Features**

- Three different colours
- Tape reflects a clear bright white light
- High reflectivity over a wide range of entrance angles
- Type 2 Solasgrade reflectivity (indoor/outdoor use)
- Other widths available on request

**Approvals**

- USCG, DNV, Wheelmark, Russian Register, Korean Register

**Standards**

- Complies with IMO Res. A658(16) and meets USCG specification 46 CFR Part 164.

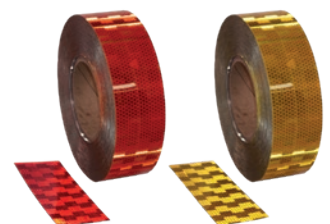
**Important warning:** reflective tape with a type I approval can only be used on indoor stored lifejackets and life rafts, this is not suitable for lifebuoys, lifeboats and other lifesaving equipment which are exposed to the environment.



Article number	Description	Dimensions	Weight	IMPA	ISSA
SRTA0050	SolasFlex Retro Reflective Tape Adhesive	50 mm x 45,7 m	1,2 kg	330189	4700704
SRTA1220	SolasFlex Retro Reflective Tape Adhesive	1220 mm x 45,7 m	35,7 kg	-	-
SRTS0050	SolasFlex Retro Reflective Tape Stitchable	50 mm x 45,7 m	1,0 kg	-	-
SRTS1220	SolasFlex Retro Reflective Tape Stitchable	1220 mm x 45,7 m	27,7 kg	-	-

**MARINE REFLECTIVE TAPE****General description**

T-ISS high-quality self-adhesive Marine Reflective Tape meets several requirements, such as impact resistance and UV protection. The tape is made up of several layers of minuscule prisms which reflect the light perfectly and can be applied to various materials such as steel, plastic, aluminium, fibreglass, etc.



Article number	Description	Colour	Dimensions	Weight
MRTA-050-RD	Marine Retro Reflective Tape adhesive	Red	50 mm x 50 m	1,3 kg
MRTA-050-YE	Marine Retro Reflective Tape adhesive	Yellow	50 mm x 50 m	1,3 kg

## SPRAY CONTROL TAPE

### General description

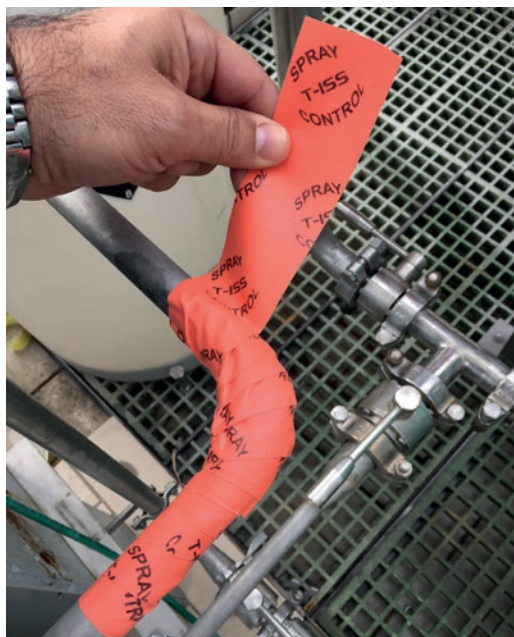
T-ISS Spray Control Tape is used to upgrade the safety in your pipeline systems. The protection tape makes surroundings a lot safer. Spray Control is made to prevent damages towards human, machinery and pipes by applying the tapes on flanges & valves at chemical plants. The pre-leak detection would help 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



## DRIP STOP TAPE - NONE LEAK TAPE

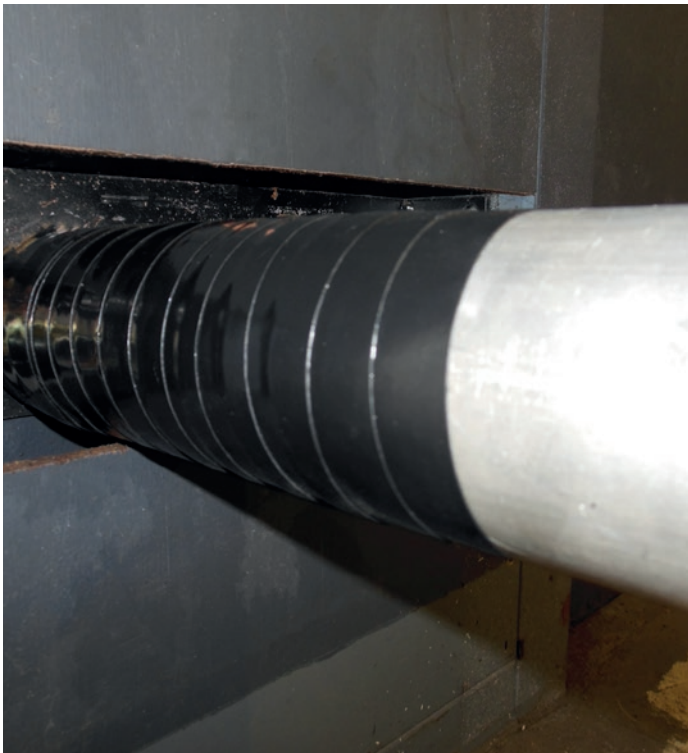
### General description

T-ISS 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 pressurized leaking piping up to maximum 3 kg/cm<sup>2</sup>. 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 <sup>2</sup>
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

## PIPE REPAIR TAPE

### General description

T-ISS 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. T-ISS 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: 150 °C

One pack of T-ISS Pipe Repair Tape comes with:

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



### Certificate

- Water Regulations Advisory Scheme (WRAS)

Article number	Description	Dimensions	Weight	IMPA
PRT002	Pipe Repair Tape 2"	50 mm x 1,5 m	0,1 kg	812364
PRT003	Pipe Repair Tape 3"	75 mm x 2,7 m	0,2 kg	812365
PRT004	Pipe Repair Tape 4"	100 mm x 3,05 m	0,4 kg	812363

## BIOSOLUBLE HEAT STOP TAPE

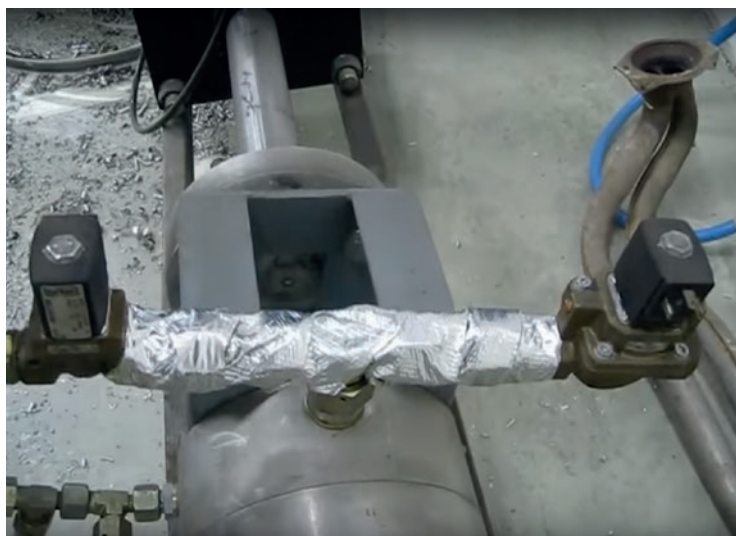
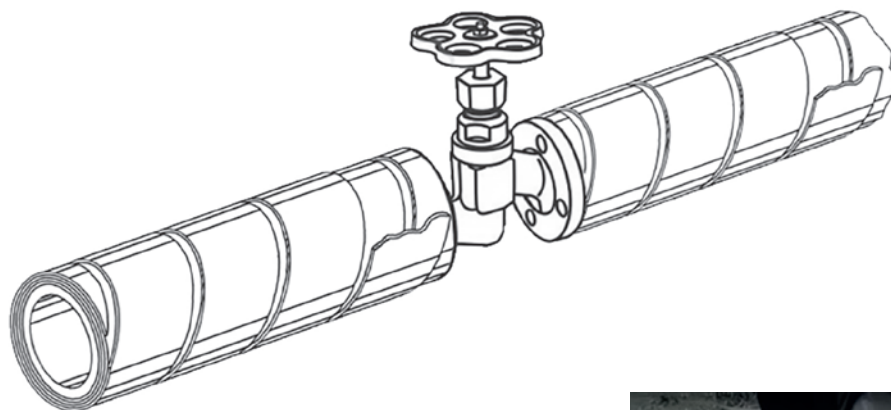
### General description

T-ISS Biosoluble Heat Stop Tape is a revolutionary new environmental friendly tape and is used for insulation of hot piping systems on board ships. It was specially invented to replace the ceramic fiber tape in the maritime sectors. T-ISS 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.

T-ISS 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 fiber-glass filament 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
- Temperature resistance: 1000 °C



### 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



## CORROSION STOP ZINC TAPE

### General description

T-ISS 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.

T-ISS 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



## RUST STOP PETRO TAPE

### 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, alkalies 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



## 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. T-ISS Hatch Cover Blueliner Tape keeps moisture out and ensures a tight seal that's 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 bitumenrubber coated  
Heat resistance: -15 °C up to 40 °C  
Shelf life: 5 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

## FOAM MOUNTING TAPE

### General description

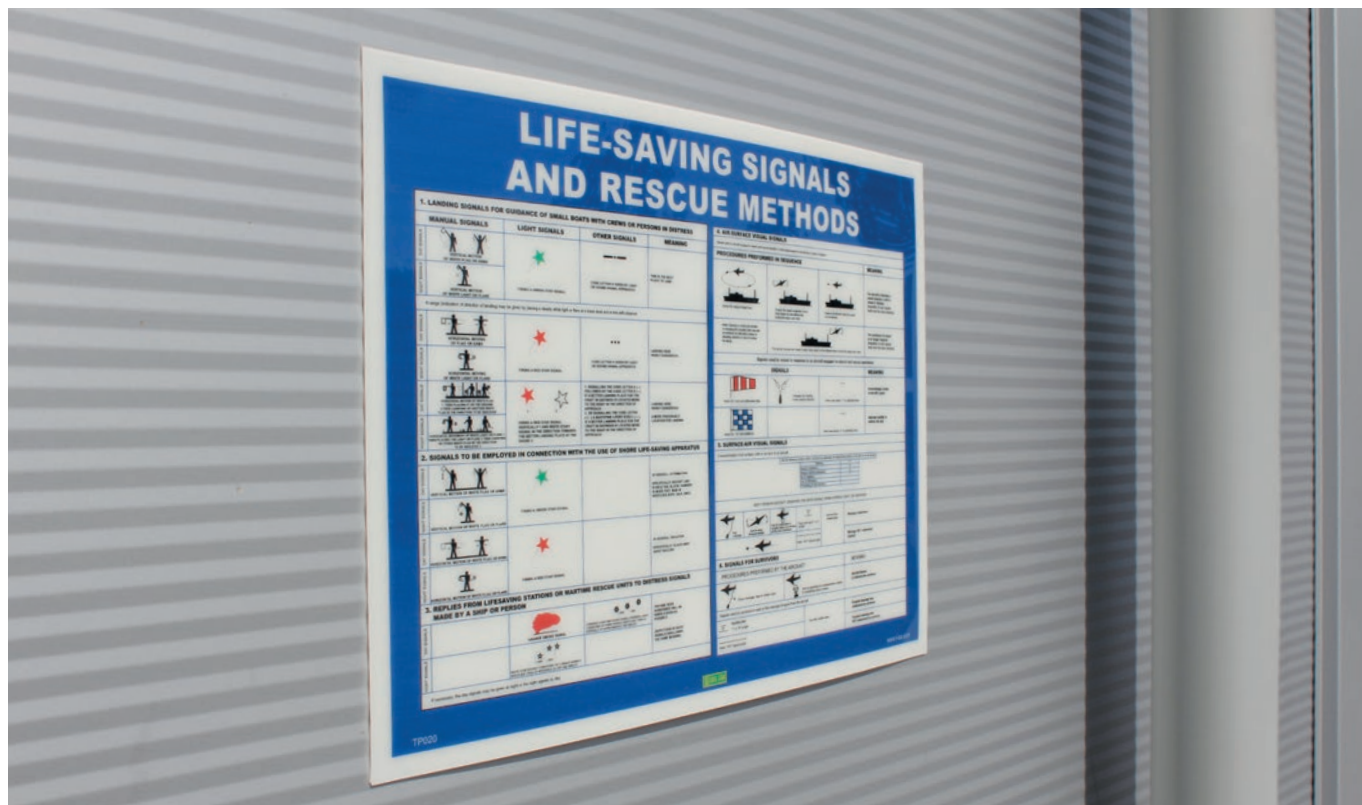
T-ISS Foam Mounting Tapes are closed-cell, polyethylene foam, coated with a high tack / high shear acrylic adhesive. It has superior chemical and fuel resistance, and good outdoor weather resistance. It has excellent adhesive performance in the area of tack, shear and adhesion.

High tack permanent adhesive with excellent 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
FMT50-055	Foam Mounting Tape	55 mm x 50 m	0,12 kg	1 mm
FMT50-150	Foam Mounting Tape	150 mm x 50 m	1,80 kg	1 mm



## SAFETY MARKING TAPE REFLECTIVE

### General description

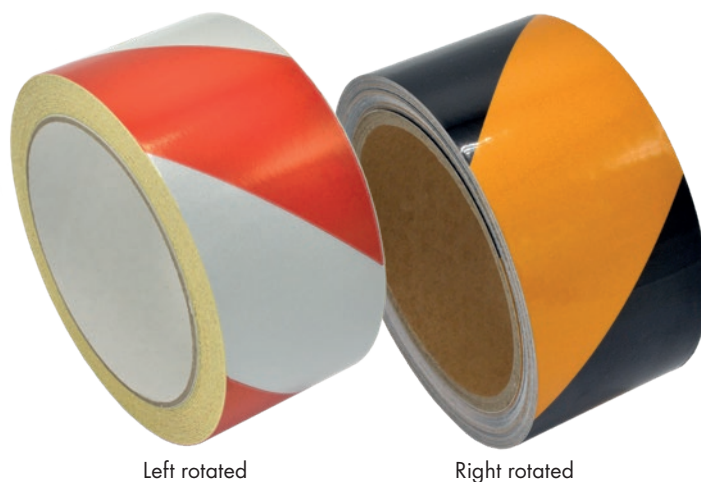
Safety Marking Tape Reflective is an engineering grade reflective tape, used to provide safety and protection. Used to highlight hazards, it is over 200 times more reflective than white paint. Suitable for highlighting hazards and danger areas. Gives a 24/7 protection in and on your vessel.

### 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	Colour	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	-

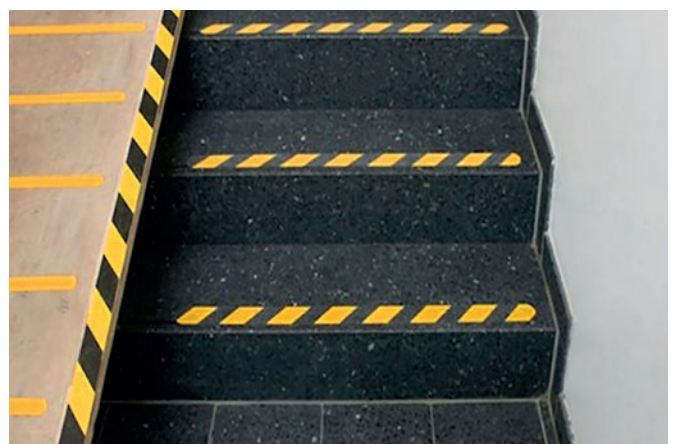
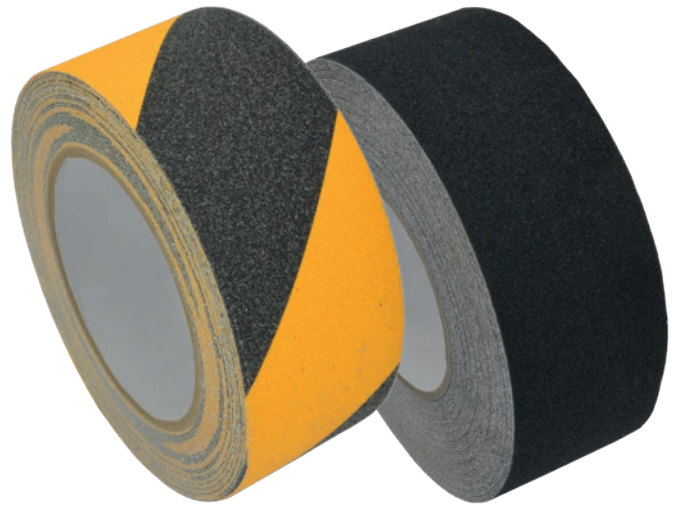
## ANTI-SLIP TAPE

### General description

Anti-Slip Tape helps to protect slippery surfaces and to prevent accidents. This tape offers safe working and walking by 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	Colour	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



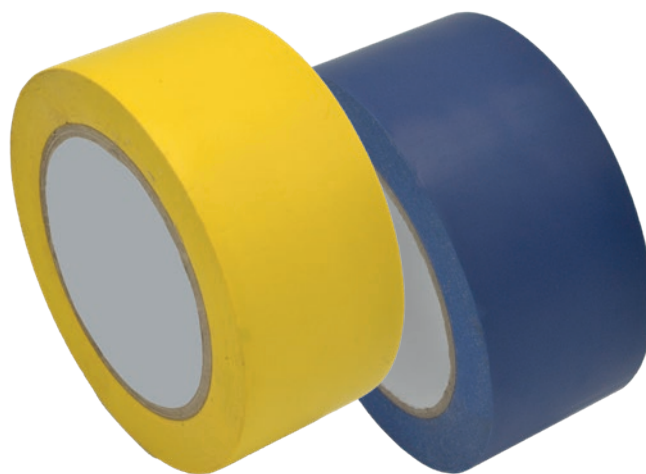
## FLOOR MARKING TAPE

### 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	Colour	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



## BARRIER TAPE

### General description

Barrier Tape can be used for depositing, marking prohibited or dangerous places. The red/white or black/yellow barrier tape is popular because of the 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.



Article number	Description	Colour	Dimensions
BT080RW	Barrier Tape	Red/white	80 mm x 500 m
BT080YB	Barrier Tape	Yellow/black	80 mm x 500 m

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