



SOLAS MARINE SERVICES GROUP
SAFETY CATALOGUE





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ISO 9001 : 2008, ISO 14001:2004, OHSAS:18001:2007



COMPLETE SOLUTIONS

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Lifejacket - Rigid

Crewsaver 2010 - Cosalt UK

- 20mm Side release buckle
- 25mm Polypropylene light retainer
- Whistle held in recessed pocket
- Belt & Grab loop Retro reflective tape
- Cord retainer for water activated light
- Buddy Line in recessed pocket
- Cord retainer for water activated light



Adult: Weight 0.83 kg, Buoyancy 190N, Body Weight 43 Kg

Child: Weight 0.55 Kg, Buoyancy 108N, Body Weight 15 to 43 Kg

Approvals: To SOLAS as per new regulation, MED

“Kon-Tiki Royal” - REGATTA Norway

- Buddy line
- Lifting loop
- Whistle
- Reflective tape
- Adjustable belt with stainless steel buckle
- Mould for light
- Water activated or manual light, extension strap
- Buoyancy: Adult 190N
Child 105N



Approvals: SOLAS, US Coast Guard.

LIFE JACKET - ACCESSORIES

Life Jacket Light
Model No : DAN-W2
Make: Daniamant, Denmark



Life Jacket Light Hemilight,
Model No : HL8-10A,
Make : ACR U.S.A



Life Jacket Light
Model No : L6
Manual Operated
Make: Daniamant, UK



Life Jacket Light
Model No : L6A
with Fixing Clip
Make: Daniamant, UK
L6A-EX is also available (Atex Approved)



Life Jackets - Inflatable

Challenger Worksafe 150N

- Single chamber fully automatic or manual gas inflation system,
- Retro-reflective tape, whistle, lifting loop
- Complies with ISO 12402 regulations
- Lightweight, comfortable and unrestrictive when working
- Patented interlocking lobe design bladder
- High visibility, neon bladder fabric
- Wide range of options and spares available (including PVC, nylon or Panotex covers)



Approvals: CE 396

The Challenger Flexi-Wing 150 - ISPL, UK

- Interlocking lobe design
- High visibility fabric
- Twin chamber security
- Lightweight and comfortable to wear
- The unique bladder shape features Flexi-Wing technology
- Twin independent chambers
- Automatic inflation system
- Retro-reflective tape
- Whistle, Grab loop, Locational light, Buddy line
- Wide range of options and spares available (including PVC, nylon or Panotex covers)



Approvals: SOLAS MED, CE

Life Jackets - Inflatable

Challenger Interlock 275 - ISPL, UK

- Patented interlocking lobe design
- 300 Newtons buoyancy
- High visibility fabric
- Twin chamber security
- Contoured head and neck support
- Lightweight and comfortable to wear
- Fully approved to the latest amendments in SOLAS Chapter III 2010
- Automatic firing mechanisms, Retro-reflective tape, Whistle, Grab loop, Locational light, Buddy line
- Produced using components that conform to ISO 12402



Approvals: SOLAS MED, CE

ATEX approved life jacket lights are also available for the above life jackets.

Immersion Suits

Intrepid Mk1 Immersion Suit - ISPL UK

- 150cm² Retro tape
- Full face seal
- 5mm neoprene (4 way stretch)
- Large offset zip
- Tailored design
- Neoprene mitt pockets
- 5 finger gloves
- Tough rubber soles
- Size 50cm x 28cm
- Weight 3.3kg



Approvals: SOLAS MED

1409-ECA - Universal Adult - Imperial, USA

- Three-fingered mitt
- Wide legs for quick donning
- Dual-zipper pull tabs
- Snug-fitting face seal
- Retro-reflective tape for extra visibility
- Sturdy storage bag
- Suits made of 5mm neoprene
- 1-piece, sealed construction
- Back straps
- Inherently buoyant
- Comes with whistle
- Weighs only 14lbs. (6.35kg.)



Approvals: SOLAS MED, USCG

AROV20 - Aquata, Germany

- Reflecting tape
- Face-flap
- Hood and gloves
- Signaling whistle
- Pocket with buddy line
- Stainless carbine snap
- 5.0 mm neoprene
- Foam filled pillow
- Heavy-duty harness



Approvals: SOLAS MED

Donning Instructions INTREPID Mk.1 Immersion Suit



BV 0062
SOLAS (74/96) APPROVED

Lifebuoys

PERRY BUOY - COSALT, UK

- The Perry buoy is a 30" diameter orange lifebuoy
- Available In a 2.5kg or 4.0kg.
- Fitted with high Intensity retro – reflective tape and grap loop



Approvals: SOLAS/EC Marine Equipment Directive

CANEPA & CAMPI, Italy

- 30" diameter orange lifebuoy
- Available In a 2.5kg or 4.0kg.
- Fitted with high Intensity retro – reflective tape and grap loop



Approval: BV Approved

Deckbuoy - DATREX, USA

- Model: DX0325D
- Deckbuoy®, approved globally
- 30", 2.5 kg orange buoy with retro reflective tape and grap loop



Approvals: USCG, Canadian Coast Guard and BV/MED approved

Bridgebuoy - DATREX, USA

- Model: DX0340D
- Bridgebuoy®, approved globally
- 30", 4.0 kg orange buoy with retro reflective tape and grap loop
- Drop tested up to 50 meters



Approvals: USCG, Canadian, Coast Guard and BV/MED

ACCESSORIES

Lifebuoy Light With Bracket Model: L90, Daniamant, UK		Lifebuoy light Model: L160, Daniamant, UK	
Lifebuoy Light Explosion Proof with Bracket Model: L161, Daniamant		Approvals: SOLAS MED	
Lifebuoy Light Explosion Proof with Bracket Model: L161, Daniamant		Intrinsically safe, for use in ALL potentially explosive zones Model: L161, Daniamant, UK	
Approvals: SOLAS/MED/ATEX/IECEx		Approvals: SOLAS/MED/ATEX/USCG	
Automatic Crew Overboard Marker Light Model: SM2 Make : ACR, USA		Lifebuoy Ring Bracket 30", Hot Dip Galvanised	
Containerized Fast Throw line available in Models: CFTL1, CFTL 2, CFTL 3, CFTL-4 Make: Billy Pugh, USA		Cosalt Floating Line Ncapsulated With Line 30 Mtr Make : Cosalt, UK	

Safety Vests

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Seahorse WV-10 - TAYLORTEC, USA

- Type V / Vinyl Coated Work Vest
- Closed-cell floatation foam
- Up to size 6XL,
- Reflective tape,
- Stainless steel snap hooks and custom silk screen stenciling.

Approvals: USCG



Marine Pyrotechnics

IKAROS - Line Throwing Apparatus Complete Set with Rocket

- The IKAROS Line-Thrower is a robust device consisting of a waterproof plastic container with integral handle and trigger mechanism, a solid fuel rocket and 300 m of line.
- Performance: Throws a line 300 m in calm wind
- Length of line: 300 m
- Line diameter: 4 mm
- Line strength: 2 kN
- Dimensions: 340x230 mm
- Weight: 4 kg



Approvals: SOLAS MED

IKAROS - Handheld flares

IKAROS handheld flare, red

- For short-range distress signalling on ships, lifeboats and life rafts.
- Also the best pinpoint signal for pleasure craft.



IKAROS handheld flare, white

- A warn-off signal for use by vessels and pleasure craft.

IKAROS handheld flare, smoke

- Designed for daylight distress.

Approvals: SOLAS, USCG

IKAROS – Distress Signal

- Long range distress signalling on ships, lifeboats and life rafts, the best signal for use in offshore kits for pleasure craft.
- Available in Red & White

Approvals: SOLAS 74/96 regulations, USCG



IKAROS - Man-overboard Light & Smoke

- A combined day and night marker (giving 2 hours light and 15 minutes smoke) with lithium battery sealed for life. Maximum storage height is 45 m.
- Performance: Light 2 cd > 2 hours
- Smoke duration time :>15 min
- Dimensions: 200x500 mm
- Weight: 4.8 kg



Approvals: SOLAS 74/96 regulations

Man-overboard (Smoke only) available upon request with USCG approval.

IKAROS – Buoyant Smoke

- Daylight distress signaling on ships, lifeboats and life rafts
- The case is made of corrosion-resistant steel and carries clear and simple instructions.
- Smoke duration time: >3 min
- Dimensions: 95x101 mm
- Weight: 510 g

Approvals: SOLAS 74/96 regulations



Stretchers

Plastic / Basket Stretcher

- DIMENSIONS: 84-1/2" L x 24" W x 7-1/2" H
- WEIGHT: 31 lbs.
- LOAD CAPACITY: 1200 lbs.
- Model: JSA-200

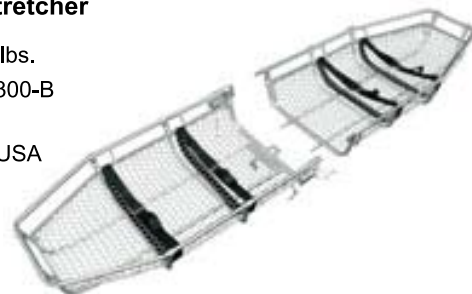
Make : JUNKIN, USA



Break Away Stretcher

- WEIGHT: 34 lbs.
- Model : JSA-300-B

Make : JUNKIN, USA



Break-Away Plastic Stretcher

- DIMENSIONS: 84-1/2" L x 24" W x 7-1/2" H
- WEIGHT: 32 lbs.
- LOAD CAPACITY: 1200 lbs
- Model : JSA-200-B

Make : JUNKIN, USA



Confined Space Stretcher

- DIMENSIONS: 81-1/2" L x 18-3/8" W x 7-3/4" H
- WEIGHT: 23 lbs.
- LOAD CAPACITY: 1500 lbs.
- Model : JSA-300-CS

Make : JUNKIN, USA



Lightweight Basket Type Stretcher

- DIMENSIONS: 80-1/2 " L; 8 " H
- Chest: 22-1/2 " W; Abdomen 22 " W; Thigh 21-1/2 " W; Calf 20-1/2 " W
- WEIGHT: 31 lbs.
- LOAD CAPACITY: 1500
- Model : JSA-300

Make : JUNKIN, USA



Paraguard Excel Rescue Stretcher Clw 4 Point Lifting Sling

Options and Accessories:

- 4 point lifting bridle
- Carry handles pair
- Shoulder harness system
- Valise

Make : FERNO, UK



Scoop-S265

- Length: 1660-2020mm (open)
1200mm (folded)
- Width 422mm
- Height 67mm (open)
100mm (folded)



Spencer Basket Stretcher

- Length: 2150 mm [84.64 in]
- Width: 650 mm [25.59 in]
- Height: 190 mm [7.48 in]
- Load capacity: 280 kg [617 lbs]

Make : SPENCER, UK



Defibrillator - Martek Marine, UK

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- LIFEFORCE® AED is the ONLY marine Type Approved AED available in the world
- Proven treatment for a victim of Sudden Cardiac Arrest (SCA)
- Simple and Safe to use by Crew Members on land or on-board ship, can be used without training or medical background
- Weatherproof

Approvals: GL



Chemical Protective Suits

Trelleborg (Ansell) – Gas Chemical Protective VPS Type T-ET

- Heavy duty, one-piece
- Gas-tight chemical protective suit
- Breathing apparatus to be worn outside the suit
- Material: chloroprene rubber coating
- Protection against chemicals in solid, liquid, aerosol or gaseous form
- Open face with elastic face seal
- Incl. boots and gloves
- Color: yellow

Approvals: EN 943-1, EN 943-2,
Marine Approved



Trelleborg (Ansell) - Trelchem® Light

Basic reusable gastight suit intended for lighter industrial work with soft and durable material.

- Non-encapsulating design** type T
- Excellent against alkalis and acids
- Soft & flexible
- Durable

Approvals: EN 943-1, Marine Approval



Trelleborg (Ansell) – Chemical Protection Suit Splash 600

- Basic coverall that provides protection against chemical splashes in low-risk environments
- An every day workwear
- Many optional features
- Good against alkalis and acids

Approvals: EN 14605 (type 4 spray tight)



Trelleborg (Ansell) – TrelChem Splash 900 Protective Suit for acids and alkalis

- Heavy duty, one-piece
- Gas-tight chemical protective suit
- Breathing apparatus to be worn outside the suit
- Material is made of a strong and flexible polyamide fabric, which is single coated with yellow PVC.
- Provides especially good protection against acids and alkalis.
- Non-encapsulating design with face seal and without hump; BA worn outside the suit.
- Incl. PVC Safety boots and Nitrile/Chloroprene rubber gloves
- Color: Yellow

Approvals: EN 14605 (type 3 liquid tight)



Chemical Protective Suits

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Trellchem - Accessories

Anti – Fog lens 	Trellchem Hood 	Tear-off/ATEX Lens 	Anti - fog Gel 
Trellcover 	Trellchem® Mini Hood 	Fire Helmet 	

Decon Cabins

DECON CABIN 100

Inflatable decontamination cabin for one person, consisting of inflatable frame, shower cabin, integrated pool, shower strips with 9 nozzles and water drainage. Two different water lines, for pure and induced water, can be used. The shower cabin is easily detached. Decon cabin 100 is erected and ready for use in seconds with a BA cylinder or a blower.

Number of openings: 2



L x W x H: 200 x 200 x 250 cm
L x W x H, packed: 60 x 55 x 45 cm
Material, frame: Airtex 200
Material, shower cabin: Airtex 800
Water consumption: 25 l/min
Weight: 45 kg
Water connection: Geka Coupling
Acc. included: Hand pump, sledge hammer, 4 pegs and 1 repair kit.

DECON CABIN 200

A more spacious version of Decon cabin 100 that can handle two persons. It has the same basic design as Decon cabin 100 with inflatable frame, shower cabin, integrated pool, shower strips with 9 nozzles and water drainage. It is erected and ready for use in seconds with a BA cylinder or a blower.

Number of openings: 2



L x W x H: 250 x 250 x 270 cm
L x W x H, packed: 110 x 75 x 50 cm
Material, frame: Airtex 200
Material, shower cabin: Airtex 800
Water consumption: 25 l/min
Weight: 55 kg
Water connection: Geka Coupling
Acc. included: Hand pump, sledge hammer, 4 pegs and 1 repair kit.

DECON CABIN 400

Inflatable decontamination cabin with the approx. size of two Decon cabin 200.

Available in a 2 shower cabins version with 4 doors or in a 1 shower cabin version for stretchers with 2 outer doors and 1 inner door. The Decon cabin 400 consists of inflatable frame, shower cabin and integrated pool, 2 x 9 nozzles and water drainage.



L x W x H: 450 x 250 x 270 cm
L x W x H, packed: 115 x 70 x 60 cm
Material, frame: Airtex 200
Material, shower cabin: Airtex 800
Water consumption: 50 l/min
Weight: 69 kg
Water connection: Geka Coupling
Acc. included: Hand pump, sledge hammer, 4 pegs and 1 repair kit.

Emergency Safety Showers - ENWARE - Australia

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Model : EC 270

Emergency Stainless Steel Combination Shower with Hand/Foot Operated Eye/Face Wash.

Epoxy Powder Coating - Green, Yellow, White or Orange

Other models are available upon request



Model : EM690

Free Standing Platform Operated Multi-spray Shower with hand operated Eye/Face Wash

- 16 Multi-spray outlets
- Three side panels
- Step on shower activations
- Hand operated eye/face wash



Free Standing Platform Operated Multi-spray Shower

Model : EM630

For decontamination where hazardous substances are used Multi-sprays for maximum coverage of clothing, Highest quality components ensure reliability Stainless steel construction for maximum durability and reliability

- 16 Multi-spray outlets
- Step on operation
- Two side panels for walk through decontamination



Eyewash Stations

Model: EE210 - ENWARE, Australia

Stainless Steel Free Standing Eye Wash Hand / Foot Operated.

Epoxy Powder Coating - Green, Yellow, White or Orange

Other models are available upon request



Model: EE120 - ENWARE, Australia

Stainless Steel Wall Mounted Hand Operated Eye Wash Brushed Stainless Standard. Optional Epoxy Powder Coating - Green, Yellow, White or Orange



Other models are available upon request

Eyewash Stations

Portable Eye Wash/Body Spray 45L - - ENWARE, Australia

- 'Soft Spray' flow controlled eye wash outlets
- Stainless steel hand actuator & stay-open ball valve
- Trigger action hand held body spray with 1.5m hose
- Safety pressure relief valve and pressure gauge
- Pressurised by plant or bottle air via tyre
- filler connection - pressurise to 500kPa (71psi)
- 45L (10G) potable water capacity



Eye Wash Trolley - ENWARE, Australia

- Makes the 45L Eye Wash/Body Spray portable
- Strong 100% polyethylene construction, won't rust or corrode



Gravity fed eyewash station - HAWS , USA

Model 7500, 16-gallon capacity gravity operated portable eyewash

Model 7501, 9-gallon capacity gravity operated portable eyewash

Other models are available upon request



EYE SALINE

EYE SALINE - TOBIN, USA

Tobin's Eye Wash Systems are a well proven, quick and safe way to wash chemicals from the eyes.

This specially designed system gives fast application and a volume large enough for most eye accidents.

Tobin Wall Stand - 5 x 1 Litre Bottle System

Dimension: 39(H) X 45(W) X 10(D) cm



Tobin Wall Stand - 5 x 1 Litre Bottle System

Dimension: 39(H) X 45(W) X 10(D) cm



EPIRB - ACR, USA

Emergency Position Indicating Radio Beacon (EPIRB)



Hydrostatic Release Unit for EPIRBs

Model Number: HAMMAR H20



Portable Gas Monitors – BW Technologies, Canada

Single Gas Detectors – Disposable type

Two variants available: 24 month and 36 months

Gas Alert Clip Extreme – 24 months

- Model: GA24XT-H (H2S detector)
- Model: GA24XT-X (Oxygen detector)
- Model: GA24XT-LEL (Lower Explosive limit)
- Model: GA24XT-CO (Carbon Monoxide)



Gas Alert Clip Extreme – 36 Months

- Model: GA36XT-H (H2S detector)
- Model: GA36XT-X (Oxygen detector)

Single Gas Detectors – Serviceable type

Gas Alert Extreme

Model: GAXT-H

Model: GAXT-O



Multi Gas Detectors – BW Technologies, Canada

Gas Alert Micro Clip XT

- Incredibly thin and lightweight, making it comfortable to wear
- Multi-gas versatility with one-button simplicity
- Continuous visual compliance with IntelliFlash
- Easy to test with MicroDock II compatibility
- Gases detected : H2S, CO, O2 and LEL



Gas Alert Max XT II

Simple operation, with Smart Sample pump.

GasAlertMax XT II reliably monitors up to four hazards and combines straightforward one-button operation with our robust, motorized pump for intelligent, remote sampling, ideal for confined spaces. The GasAlertMax XT II is fully compatible with MicroDock II automated test and calibration system.

Gases detected : H2S, CO, O2 and combustibles



Confined space calibration Kit

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BW Technologies Gas Alert Max XT II Confined Space Kit

Ranges:

- Hydrogen sulfide: 0-200 ppm, Carbon monoxide: 0-1000 ppm, Oxygen: 0-30.0%, Combustible gases: 0-100% LEL; 0-5.0% v/v; 1%

Resolution:

- Hydrogen sulfide: 1ppm, Carbon monoxide: 1ppm, Oxygen: 0.1%, Combustible gases: 1% LEL; 0.1% v/v
- Continuous LCD shows real-time gas concentrations
- Integrated sampling pump with Sampling Tube
- Rechargeable and alkaline battery packs

Also Available:

BW Confined Space Kit - Gas Alert Micro Clip XT

BW Confined Space Kit - Gas Alert Micro 5



Calibration Gases

CALIBRATION GAS CYLINDERS



Model No.	Contents	Service Pressure	Dimensions	Weight	Material
1AL Aerosol	11 liters	155 psig/10.7 bar	11"/279 mm x 2.75"/70 mm	0.3 lb/0.14 kg	Aluminum
2AL	34 liters	500 psig/34.5 bar	11.1"/282 mm x 2.9"/74 mm	1 lb/0.44 kg	Aluminum
8AL	58 liters	500 psig/34.5 bar	14.25"/362 mm x 3.5"/89 mm	1.7 lb/0.75 kg	Aluminum
6D	103 liters	1000 psig/69 bar	14"/356 mm x 3.25"/83 mm	3 lb/1.4 kg	Steel
5E	552 liters	2200 psig/151.8 bar	20.75"/527 mm x 4.5"/114 mm	7 lb/3.18 kg	Steel
7EOC	17 liters	240 psig/16.6 bar	11"/279 mm x 2.9"/74 mm	1 lb/0.47 kg	Steel
7HP	34 liters	500 psig/34.5 bar	11"/279 mm x 2.9"/74 mm	1.5 lb/0.68 kg	Steel

Cylinders are available with single or composite gas mixtures as follows:

- LEL Mixtures and Non-Reactive Mixtures
- H₂S, SO₂, and H₂S/CO/LEL/O₂/N₂, Mixtures
- NO, NH₃, PH₃ and HCN Mixtures
- CL₂ Mixtures
- HCL Mixtures
- NO₂ Mixtures

Calibration cylinders are also available with gas regulators and tubing.

Calibration Pumps and Tubes

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Gas sampling pump kit



Model [GV-100S]

Gastec Gas Sampling Pumps are available with options you can choose a pump with or without a counter to automatically track strokes for applications requiring multiple pump strokes. You can also choose a pump with or without a one-hand adapter to convert the pump to convenient one-button/one-hand operation for those tough-to-reach spots.

Gas Detector Tubes



Detector Tubes compatible with above sampling pump to detect various gases such as H₂S, SO₂, O₂, CO are available. The Tubes are NIOSH/SEI Certified.

ENPAC - Oil Spill Containment

30 Gallon Spill Kit Universal



Spill Kit includes:

- 1 - 30-Gallon Salvage Drum
 - 1 - 1-Gallon Jug ENSORB®
 - 50 - Universal Pads
 - 2 - Universal Large Socks
 - 6 - Universal Small Socks
 - 1 - Pack Wipes
 - 2 - Disposal Bags with Ties
 - 1 - pr Nitrile Gloves
 - 1 - pr Goggle
 - 1 - Emergency Response Guide
 - 1 - Instruction Sheet and MSDS(s)
- Absorbs up to 23 gallons/87 liters

Also available in:

- 50 Gallon
- 60 Gallon
- 95 Gallon

2, 4, 6 and 8-DRUM WORK STATIONS

Each Workstation is designed for stand-alone use or can connect with other Workstations for a customized work area.

- Forkliftable when empty.
- Tough, one-piece polyethylene construction that will not rust or corrode.
- Low-profile Workstations actually become part of your factory floor, optimizing space for increased safety and efficiency.
- Makes drum loading a snap.
- Large sump capacity catches incidental spills.
- Multi-Purpose Work Ramp hooks onto any Workstation for easy loading.
- Removable heavy-duty structural foam grates for easy cleaning.
- Rolled-edge design helps resist cracking and warpage.



ENPAC - Oil Spill Containment

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POLY-SPILLPALLET

This secondary containment system is engineered to meet the rigors of today's regulatory environment. Made with 100% polyethylene, it provides excellent chemical resistance. Optional drain with plug.



Available in; 2-DRUM, 3-DRUM, 4--DRUM, 6-DRUM



Also available with Hardcover & Ramp

POLY-OVERPACK SALVAGE DRUM

It's light enough for one person to handle and large enough to store sufficient absorbent and response equipment for incidental spills.



Available on: 20 gallon, 30 gallon, 65 gallon, 90 gallon and 180 gallon

WHEELED POLY-OVERPACK SALVAGE DRUMS

Wheeled Poly-Overpacks are the first mobile one-piece overpack. Completely eliminate the need for a separate dolly transport the 95-gallon and the 50-gallon polyethylene UN-rated Salvage Drums. Both have built-in handles and 6" polyolefin wheels that allow for easy steering through doorways and around any obstacle. Ideal for mobile Spill Kits.



The poly-Rack™ system

Combine a single Poly-Stacker™ with a Poly-Racker™ to stack up to (4) drums and is rated with a 3000lb handling capacity.

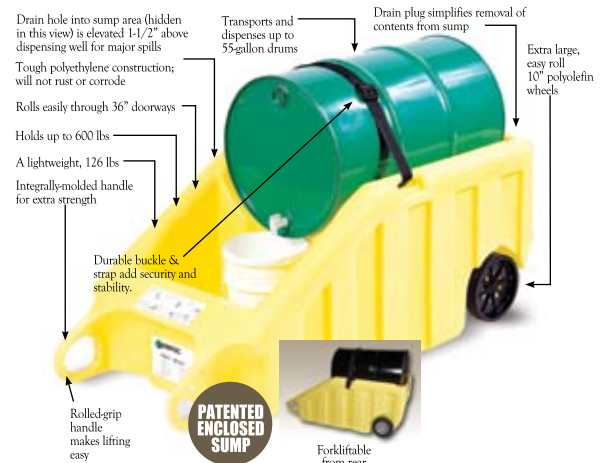


ENPAC - Oil Spill Containment

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Poly - Dolly

With Poly-Dolly, mobile dispensing is no longer a cumbersome, risky business. It transports 55-gallon drums with ease, tilts to become an efficient self-dispensing station, and acts as its own secondary containment unit. By reducing unnecessary and dangerous drum handling, Poly-Dolly protects workers, improves efficiency, and helps improve profits.



Poly-Spillcart™

Poly-Spillcart™ caster wheels let you move around freely while its ergonomically-designed handle makes maneuvering a breeze. A tray for tool storage keeps tools clean and handy. The structural foam grate removes for easy cleaning while the drain pluglets you drain the sump without effort.



Spill Scooter™

Incidental spills and drips are contained in the well with a spout for easy draining. The Spill Scooter™ fits all drums up to 55 gallons. Made of 100% polyethylene, the Spill Scooter™ will not rust or corrode.



IBC 2000i™ Intermediate Bulk Containment Made Easy.

The IBC 2000i™ is the only one-piece, light weight, 100% polyethylene IBC spill containment unit that is forkliftable and nestable for convenient shipment and storage and it reduces shipping costs. The polyethylene construction will not rust, corrode, or have adverse reactions with chemicals. Optional drain.



Also Available in Double IBC 4000i™

Francis Signal & search Lights

- Aldis signaling Lamp c/w
- Lamp Bulb - 12v or 24v
- Lamp Battery - 12v or 24v
- Battery Charger 110-220v AC to 12-24v DC



WOLFLITE H-4DCA

- Safety handlamp, primary cell powered
- 2.4w spot beam (approx 3.5°)
- Peak luminous intensity at 5m 960lux.
- Origin : UK



Approval: ATEX

Wolflite Safety Handlamp H-251 Mk1 & Mk2

- Wolflite H-251 3.6w spot beam (approx 3°)
- Peak luminous intensity at 5m 900lux
- Rechargeable safety handlamp, battery charged internally
- Origin : UK



Approval: BASEEFA

Wolf Safety torches and Lights

TS/TR 24

- 1.7W beam (approx 5°) Peak luminous intensity at 5m 230lux
- Safety Torch, Primary Cell Powered, Straight
- Origin : UK



Approval: ATEX

TS/TR 30

- Wolf ATEX Safety Torch with LED
- 70 lumens beam (approx 5°)
- Peak luminous intensity at 1m, 8600lux
- Peak luminous intensity at 5m, 291lux
- Origin : UK



Approval: ATEX

WOLFLITE Handlamp H-251A\LED

- Wolflite H-251A/H-251ALED output
- Halogen Bulb: 39 lumen spot beam (approx 4°)
- LED : 60 Lumen LED spot beam (approx 4°) With wide angle fringe light
- Origin : UK



Approval: ATEX

Rescue Equipment for Helicopter deck

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3 Way Ladder - SECO, UK



- Closed Length 1.9 meters (6ft 3")
- Extended Length 3.1 metres (10ft 3")
- Weight 7.2 kg.
- Manufactured from aluminium to B.S.2037 Class 1
- Combination Step Ladder, Extension Ladder and Stairwell Ladder
- Unique sliding mechanism for easy conversion to all three ways
- Wide splayed base for heavy duty feet for stability and grip
- Non slip treads for comfort and security
- Maximum vertical static load 175 kg. Duty rating 130 kg maximum

Fireman Hand Axe Insulated - SECO, UK



Overall Axe length 38 cm (14") Weight 1.2 kg.

Large Aircraft Axe - SECO, UK



- Overall Axe Length 74cms, Weight 2.6 kg.
- Large Aircraft Axe with a protective shield below non-wedging pattern head. Head and sleeve of axe manufactured from steel with wooden handle. An optional cover is available for the head. The above axe is recommended by Civil Aviation Authority. Ideal for offshore HELI-DECK rescue equipment.

Grab Hook - SECO, UK



Grab Hook 4.5 Mtr

Bolt Cropper - 24" / 36" - SECO, UK



- 5" wide x 24"long, Weight 3 kg,
- Manufactured from high quality drop forged steel handles with built in stops, will yield rather than break for safety.
- Centre cut for the strongest form of cutting edge.
- Will cut bolts and rods up to 7/16" capacity.

Fire Proof Line – 22m/31m/37m/40m/61m - SECO, UK



- Inner core made from 72 strands of flexible galvanised steel wire with an outer covering of plaited jute, giving an outer circumference of 3.175 cm.
- Breaking strain of not less than 1 ton (1016 kg)
- A non ferrous brass swivel shackle has a breaking strain of 1200 kg.

Sizes

- 22m.19 cm. dia. 15 cm high, Weight 3 kg
- 31m.20 cm. dia. 17 cm high, Weight 4 kg
- 37 m.22 cm. dia. 15 cm high, Weight 5 kg
- 40m.23 cm.dia. 15 cm high, Weight 5.4 kg
- 61 m.32 cm. dia. 15 cm high, Weight 8 kg

Crow Bar 30"/ 24"/ 36" - SECO, UK



- 30" Crowbar 1" Diameter. Weight 3 kg.
- Manufactured from solid steel complete with chisel and point
- 36" Wrecking Bar 3/4" Diameter, Weight 2 kg.
- Manufactured from solid steel hexagon bright bar, Complete with Chisel wedge and crooked lever at the opposite end

Rescue Equipment for Helicopter deck

Helicopter Marshalling



- Helicopter Marshalling Baton

Helicopter prohibit landing marker



- 4m x 4m Red with diagonal yellow cross
- Manufactured in Highly durable PVC coated Polyester Complete with storage bag.

Hacksaw c/w Blade - SECO, UK



- Length 40 cm x 15 cm wide,
- Weight 700 grams

Side Cutting Pliers



- Insulated High-Leverage Side-Cutting Pliers

Pincer



- Available In Different sizes

Quick release knife - SECO, UK



- Blade Length 15 cm
- Handle length 14 cm
- Total Length 29 cm, Weight 400 grams
- The knife is housed in a brown leather sheath with press stud and leather retaining strap

Adjustable Wrench - SECO, UK



- Weight from 350 grams to 3.2 kg

Sizes:
8", 12", 15", 18", and 24"

Hooligan Tool



- Multipurpose head and chisel foot
- Hollow steel shaft
- Industrial quality abrasive grips shipped loose for personalized placement
- Powder-coated finish for unparalleled corrosion resistance
- High quality adjustable shoulder strap available

Available In Different sizes

Fire Extinguisher

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Portable Fire Extinguishers

Portable fire extinguishers are available in stored pressure and cartridge operated type, in a wide range of sizes with ABC Dry Powder, AFFF Foam, Water and CO2 models.



ABC Dry Powder:

The ABC Dry Powder fire extinguisher is one of the most versatile extinguishants and is effective on Class A fires, Class B fires and Class C fires. They are also suitable for use on live electrical fires.

Carbon Dioxide:

Most effective on Class B and C fires. It is safe to use on live electrical fires. CO2 gases extensively used throughout the food industry for its cleanliness in application.

Water:

The most commonly used type of fire extinguishant for Class A fires involving carbonaceous material such as wood, textiles by cooling the fire and removing the heat needed for combustion.

AFFF Foam:

Effective on B class hydrocarbon fuel fires such as oil, petroleum, aviation fuels and is particularly suitable where fast knock down is essential.

Dry Powder Fire Extinguisher



Technical Specification

Model	MPM-25	MPM-50	MPG-25	MPG-50
Type	Stored Pressure Type		Gas Cartridge Type	
Capacity	25kg	50kg	25kg	50kg
Extinguishant	ABC Dry Powder		ABC Dry Powder	
Propellant	Nitrogen (N ₂)		Carbon Dioxide (CO ₂)	
Valve / Head Cap	Brass Valve with Pressure Gauge		Brass Head Cap with Safety Relief Valve	
CO ₂ Cartridge	N/A		550 grams	1 kg
Discharge Hose	13 mm x 6 m	16 mm x 6 m	13 mm x 6 m	13 mm x 5 m**
Wheel Diameter & Frame Work	366 mm Steel Pipe / Flat Bar			
Cylinder Material	Steel			
Coupler Diameter	240 mm	366 mm	150 mm	336 mm
Overall Height	825 mm	970 mm	895 mm	970 mm
Width	410 mm	510 mm	410 mm	535 mm
Depth	190 mm	168 mm	190 mm	165 mm
Approx. Empty Weight	29 kg	57 kg	25 kg	52 kg
Approx. Full Weight	54 kg	97 kg	58 kg	107 kg
Working Temp. Range	20°C to +60°C			
Working Pressure (20°C)	12 Bar			
Test Pressure	21.5 BAR			
Safety Valve Lift Pressure	17 - 21 Bar		13 - 20 Bar	
Approx. Discharge Time	10 sec	10 sec	10 sec	50 sec
Approx. Discharge Range	8 m	10 m	9 m	11 m
Fire Rating / Class	A B C	A B C	A B C	A B C
Paint Finishing	30L JOCO Flame Red Polyester Powder Coating			
Manufactured & Certified to	BS EN 1666:2007			

** 10 meter hose length available on request

AFFF Foam Fire Extinguishers

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Technical Specification					
Model	MFM-45	MFM-135	MFG-45	MFG-135	MFG-150
Type	Single Cylinder Type		Gas Cartridge Type		
Capacity	45 litres	135 litres	45 litres	135 litres	150 litres
Extinguishant	AFFF foam (Foam)		AFFF foam (Foam)		
Propellant			Nitrogen (N ₂)		
Valve / Headcap	Glass Valve with Pressure Gauge		Stainless Steel Valve with Safety Relief Valve		
Cylinder Thread	M 18		M 18		
Discharge Hose	6 mm x 6 m	18 mm x 6 m	16 mm x 6 m	18 mm x 6 m	18 mm x 6 m
Wheel Diameter Ø	200mm	300mm	300mm	350mm	350mm
Frame Work	Steel Pipe / Flat Bar				
Cylinder Material	Steel				
Body Diameter	550 mm	550 mm	550 mm	550 mm	550 mm
Overall Height	970 mm	1700 mm	970 mm	970 mm	1500 mm
Width	550 mm	550 mm	550 mm	550 mm	550 mm
Depth	350 mm	400 mm	350 mm	350 mm	350 mm
Approx Empty Weight	46 kg	105 kg	52 kg	112 kg	118 kg
Approx Full Weight	51 kg	211 kg	95 kg	226 kg	273 kg
Working Temp. Range	- 20°C to + 60°C				
Working Pressure (20°C)	12 Bar				
Test Pressure	21.0 Bar	22.5 Bar	21.0 Bar	22.5 Bar	22.5 Bar
Safety Valve Lift Pressure	1.2 x Bar				
Approx Discharge Time	105 sec	160 sec	105 sec	105 sec	105 sec
Approx Discharge Range	6 - 12 m	11 - 13 m	10 - 12 m	11 - 12 m	11 - 12 m
Fire Rating / Class	A 10B	A 25	A 10B	A 10B	A 25
Coating / Internal	RAL 3000 Flame Red Polyester Powder Coating				
Part Finishing	RAL 3000 Flame Red Polyester Powder Coating				
Manufactured & Certified to	BS EN 1866 : 2007				

** 20 meter hose length available on request

Carbon Dioxide Fire Extinguishers



Technical Specification			
Model	MCO-10	MCO-20	MCO-10T
Capacity	10 kg	20 kg	2 x 10 kg
Style	Single		Twin
Extinguishant	Carbon Dioxide (CO ₂)		
Operating Head	CE Marked Glass Screw Down Valve with Safety Relief Valve		
Cylinder Thread	1" BS 341		
Discharge Hose	High Pressure Hose		
Internal Diameter x Length	9.5 mm x 6 m		
Discharge Horn	Plastic with On/Off Valve		
Cylinder Specification	EN1964 Part 1 PED	EN1964 Part 1 PED**	EN1964 Part 1 PED
- Diameter Ø	156 mm	204 mm	156 mm
- Nominal Height	615 mm	815 mm	615 mm
Frame Work	Steel Pipe / Flat Bar		
Overall Height	1020 mm	1210 mm	1040 mm
Width	465 mm	565 mm	515 mm
Depth	1000 mm	1280 mm	1050 mm
Approx Empty Weight	33 kg	60 kg	60 kg
Approx Full Weight	43 kg	100 kg	70 kg
Cylinder / Frame Finish	RAL 3000 Flame Red Polyester Powder Coating		
Wheel Diameter Ø	300 mm		
Working Temp. Range	- 20°C to + 60°C		
Working Pressure (20°C)	56 Bar		
Cylinder Test Pressure	250 Bar		
Approx Discharge Time	30 sec	85 sec	60 sec
Approx Discharge Range	4 m		
Fire Rating / Class	70B C	89B C	89B C
Manufactured & Certified to	BS EN 1866 : 2007		

** Transportable Pressure Equipment Directive (TPED) approval.

Fire Hoses

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Gomtex Fire Hose

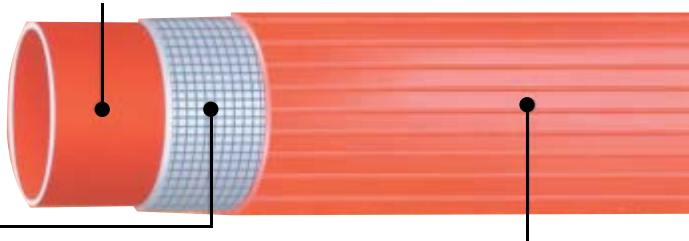
Productus Mesa-Spain

FIRST LAYER:

Smooth low friction drop nitrile inner lining, which resists attacks from the most aggressive liquids.

SECOND LAYER:

Internal textile High Tenacity Polyester/Nylon reinforcement, with a weave designed to enhance strength and flexibility.



THIRD LAYER:

External nitrile rubber coat, which protects the textile and at the same time is used to tightly bond the inner layer and textile reinforcement. Ribbed to facilitate manipulation and improve abrasion.

- Resistant to: abrasion, acids, chemicals, cold, cracking, delamination, heat, kinking, oils, ozone, weather, etc.
- Standard colour: RED.
- Temperature range:-30C to +50C, even tougher conditions are achieved.
- GOMTEX can also be obtained with a pronounced heavy rib for superior abrasion resistance.
- MED approved

GOMTEX®

INTERNAL DIAMETER	MILIMETRES INCHES	25	38	45	52	63.5	70	75	102	110	125	152
		1"	1 1/2"	1 3/4"	2"	2 1/2"	2 3/4"	3"	4"	4 1/3"	5"	6"
WEIGHT/METRE	GMS./METRE LBS./FOOT	225	325	375	425	545	610	700	1.080	1.190	1.300	1.780
		0.150	0.215	0.250	0.285	0.365	0.410	0.470	0.725	0.790	0.870	1.190
THICKNESS	MILIMETRES	2.10	2.15	2.15	2.25	2.25	2.30	2.40	2.55	2.60	2.90	2.95
WORKING PRESSURE	BARS Psi	30	20	20	20	20	20	15	15	15	10	10
		435	290	290	290	290	290	215	215	215	145	145
TESTS PRESSURE	BARS Psi	45	25	25	25	25	25	20	20	20	15	15
		650	365	365	365	365	365	290	290	290	215	215
BURSTING PRESSURE	BARS Psi	90	55	55	50	50	45	40	40	40	30	30
		1.300	800	800	725	725	650	580	580	580	435	435

Average results of the tested 96-98 hose batches

Atlas Double Jacket Fire Hose

Productus Mesa-Spain

- Specially formulated rubber, extruded through the tubular fabric.
- Minimum load loss thanks to its smooth liner surface.
- High temperature resistance.
- Outer grooving for improved resistance to abrasion and easier handling

Available lengths;

- o 60m
- o 30m
- o 25m
- o 23m
- o 20m
- o 18m
- o 15m



Commander Super



Available upto 6" diameter & 45mtrs. length

- Widely approved & standardized by fire brigades.
- Designed to match rack reel hose cabinet.
- Suitable for use in multistoried building, power plants, steel plant, railways, etc
- Fungus & heat resistant.
- Lloyd's approved to BS:6391

Couplings



Available in: Storz, NST, John Morris, Nakajima.

Brand : Gopert, Killfire

BRASS FOG NOZZLES

A combination fog and straight stream nozzle designed for efficiency with foam or water on offshore rigs and in industrial applications.

- Molded teeth
- Rubber-like bumper and handle
- Constant gallonage in fog and straight stream patterns
- Flush without shutting down
- Repair kits available
- Compatible with 775 Quick Attack™ Foam Tube for Styles 3015-3021



Style	Inlet	Length	Weight lbs. (kg)	Flow At 100 Psi		Pistol Grip
				GPM	LPM	
3015	1 1/2" (38 mm)	8 5/8" (219 mm)	7 1/8 (3.2 kg)	95	360	-
3016	1 1/2" (38 mm)	8 5/8" (219 mm)	7 1/8 (3.2 kg)	125	475	-
3019	1 1/2" (38 mm)	8 5/8" (219 mm)	7 3/4 (3.5 kg)	95	360	YES
3021	1 1/2" (38 mm)	8 5/8" (219 mm)	7 3/4 (3.5 kg)	125	475	YES
3025	2 1/2" (65 mm)	10" (254 mm)	13 (59 kg)	250	950	-

COAST GUARD SHIPBOARD VARI-NOZZLES

A combination fog and straight stream nozzle designed for more efficiency with AFFF or water on-board ships

- Brass construction
- Low friction ball and dual seats for smooth operation
- Molded teeth
- Rubber-like bumper and handle
- Constant gallonage in fog and straight stream patterns
- Flush without shutting down



Style	Length	Weight lbs. (kg)	Inlet Size	Approval Number	Pistol Grip	Flow at 100 PSI	
						GPM	LPM
3020	8 5/8" (219 mm)	7 3/4 (3.5 kg)	1 1/2" NH (38 mm)	162027/15/0	YES	95	360
3022	8 5/8" (219 mm)	7 1/8 (3.2 kg)	1 1/2" NH (38 mm)	162027/16/0	-	95	360

COAST GUARD NOZZLES WITH FOG TIPS



Style	Length	Weight lbs. (kg)	Inlet Size	Orifice	Fog Head/Tip	Approval Number	Flow at 100 PSI	
							GPM	LPM
2032 (CG-15)	10 1/4" (260 mm)	9 (4.1 kg)	1 1/2" NH (38 mm)	5/8" ** (16 mm)	2033	162027/09/0	* 55	* 208
2046 (CG-25)	11 1/2" (292 mm)	14 1/2 (6.6 kg)	2 1/2" NH (65 mm)	1 5/16" *** (25 mm)	2047	162027/10/0	* 106	* 401

* Fog flow only

** 90 gpm at 100 psi

*** 250 gpm at 100 psi

COAST GUARD FOG TIPS

- 2033
- 1 1/2" (38 mm) Fog Tip with Chain
 - Fits Style 2032 1 1/2" CG-15 Nozzle
 - Approval no. 162.027/09/0



- 2047
- 2 1/2" (65 mm) Fog Tip with Chain
 - Fits Style 2046 2 1/2" CG-25 Nozzle
 - Approval no. 162.027/10/0

Foam Applicator/ Branch Pipe: Delta Fire, UK

Optional Extra's:

All of the above models are available with inlets of most international fittings and have the option of an on/off ball valve.



Branchpipes are designed for almost any foam, from proteins to synthetics. It is designed first to expand the foam and then accelerate it producing long throws.

Approvals:- Lloyds certified and M.C.A Approved for marine use.

Following brands are available on requests
AWG, Germany, NK Fire

Water Fog Applicator : Akron Brass ,USA

Optional Extra's:

Applicators with stainless steel tubing to Coast Guard specifications. Improved head and end connectors for increased strength and durability.



Style	Length	Weight lbs. (kg)	Inlet Size	Fog Head/Tip	Bend	Approval Number	Flow at 100 PSI	
							GPM	LPM
2015	10' (3048 mm)	9 1/2 (4.2 kg)	1 1/2" (38 mm)	1034	90°	162027/09/0	54	204
2225	6', 10', 12' (1827, 3048, 3658 mm)	11 1/2 (7.1 kg)	2 1/2" (64 mm)	1048	90°	162027/10/0 *	108	408
2415	4' (1219 mm)	5 (2.3 kg)	1 1/2" (38 mm)	1034	60°	162027/09/0	54	204

† 12' length
* 12' only

OMEGA XPV monitors pg 55

The Omega XPV brass monitors have a built-in valve for optimal versatility in industrial and marine environments.

- Brass construction for corrosion resistance
- Cast-in turning vanes for more efficient flow
- Unique locking mechanism to hold desired position
- Built-in 3" Heavy-Duty Swing-Out™ valve
- Enhanced design provides for less tip weight which translates to lower handle operating force
- 360° of horizontal movement and 135° of vertical movement
- Elevation 90° above to 45° below horizontal
- Maximum operating pressure of 200 psi
- Maximum flow 1250 gpm

3523 Omega XPV Monitor 3522-SPL Omega XPV Monitor

- Equipped to withstand extreme environmental conditions
- No lubrication or regular maintenance required
- Externally sealed rotation and elevation joints
- Stainless steel "T" handle brake levers to hold desired position
- Extended length stainless steel valve actuator handle
- Two part primer and paint finish for excellent corrosion resistance and UV color protection
- Waterway protection cover



waterway protection cover



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3523	84 lbs* (38.1 kg)	21 7/16" (538 mm)	16 1/4" (413 mm)	9 3/4" (248 mm)	3" or 4" FL (75 or 100 mm)	2.5" NH (65 cm)	1250	4800
3522-SPL	84 lbs* (38 kg)	21 7/16" (538 mm)	19 7/16" (494 mm)	12 1/4" (323 mm)	3" or 4" FL (75 mm or 100 mm)	2.5" NH (65 mm)	1250	4800

* Less nozzle & handle

Landing / Hydrant valves

- Landing / Hydrant valves are available in gunmetal, bronze or brass.
- Sizes range from DN 25 upto DN 100.
- Valves are available with all coupling systems

Make : Gopfert, AG

Approvals : LR,CCS,DNV,BV



INLET FLANGE – 2 ½" or 3" ANSI 150# FF

2 ½" or 3" BS10 Table D & E FF
DN65 or DN80 PN16 FF

- All recognized international flanges available upon request.
- Male or female threaded inlets to BSP/NST/NPT or metric threads also available upon request.



OUTLET CONNECTION - Female instantaneous 2 ½ BS336

Screwed outlets with adaptors to all international hose connections are also available

Other Brands Available on Request

Hydrant Valves - Killfire



Right Angle Hydrant Valve



Oblique Hydrant Valve



Bib Nose Hydrant Valve



Straight Hydrant Valve

Fire Fighting Suits

Flame - Pro Close Proximity Fire Fighting Suit, SECO, UK

The "SECO" Flame - Pro Close Proximity Fire Fighting Suit is manufactured from Fire Resistant Natural Fibre.

The "SECO" Flame - Pro Suit comprises of the following:

Jacket, Trousers tested to EN531, EN532, EN 20811 and Approved to MED Ships Wheel, helmet approved to EN443, leather gloves to EN659, rubber boots to EN ISO 20344 (2004), EN ISO 20345 (2004).



PG PRODUCTS Flameguard

The flameguard suit comes with aluminized jacket, trouser, helmet, gloves, boot.

Approvals: SOLAS /MED



PG PRODUCTS - Fireguard Suit

- Fireguard Helmet
- Jacket and Trousers
- Gloves
- Boots
- Valise

Approvals: SOLAS



Fire Fighting Suits

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NOMEX® ATTACK® - Series



Coat

- Moisture lined tapered 4" collar with Velcro® closure
- 8" x 4" x 2" radio pocket lined with moisture barrier and drain hole
- Leather reinforced cuffs
- Outer shell reinforced shoulders and yoke
- Snap and Velcro® removable liner system
- Two 10" x 10" moisture barrier lined pockets with snap and flap closures and drain holes
- Neo-Guard® water wells
- Kevlar® wristlets
- All seams are double stitched using Nomex® thread
- Outer shell hanger loop on the back of collar
- 35" coat length



Pants

- Double reinforced waistband with 8 point suspender buttons
- Two 10" x 10" moisture barrier lined pockets with snap and flap closures and drain holes
- 4-piece tailored body
- Adjustable waist leather take-up strap
- Large double layered tapered fly with snap/hook and dee closure system
- Snap removable liner system
- Deep cut fly and crotch
- All seams are doubled stitched using Nomex® thread
- Outershell reinforced padded knees

Emergency Escape Breathing Devices

SABRE ELSA

- 10 or 15 minute versions available
- Designed for rapid escape from hazardous industrial and marine environments
- High visibility or anti-static bag

Approvals: SOLAS MED



ELSA SPRINT

- Available with a facemask or positive pressure hood
- High visibility or anti-static bag
- 10 and 15 minute versions available

Approvals: CE



FLITE



The Flite is a positive pressure airline breathing apparatus with the option of a 10, 13 or 15-minute compressed air cylinder supply for escape from the most hazardous environments. Ideal for working in confined spaces the Flite's robust design has been proven in some of the most arduous working environments including offshore oil and gas production.

Adjustable and padded webbing bandolier harness for comfort and safety
Can be used with any positive pressure facemask in the Sabre range
Optional hip mounted escape cylinders in a range of durations and materials

Approvals: EN 401

Self Contained Breathing Apparatus

Scott / Sabre ACS – m

- Extremely lightweight backplate
- Vision 3 mask
- Steel Cylinder or composite cylinder in various duration of 30/45 etc.



Approvals: EN137:2006 Class, SOLAS MED

Contour Series



Contour 100



Contour 300

Contour 100

- Designed primarily for the industrial market for use with the Promask or Vision 3 facemask, the Contour 100 is a lightweight high performance set suitable for tasks from inspection to fire-fighting. Ergonomically designed, strong and lightweight injection moulded backplate.
- Optional Airline and Decontamination attachments available.
- Steel Cylinder or composite cylinder in various duration of 30/45 etc.

Approvals: EN137:2006 Class, SOLAS MED

Contour 300/500

- The Scott Safety Contour ranges offer top levels of user comfort due to their ergonomic backplate, padded Kelvar blend webbing and Vision 3 facemask.
- Contour 300 accepts a single 200 or 300 bar cylinder, whereas the Contour 500 can be configured for single or duo cylinder use.
- Steel Cylinder or composite cylinder in various duration of 30/45 etc.

Contour 120/320

- Extremely lightweight backplate
- Vision 3 mask
- Steel Cylinder or composite cylinder in various duration of 30/45 etc.
- Comes with extended airline attachment

Diablo - DPI SEKUR, Italy

- Light-weight, ergonomically designed.
- Self - extinguishing synthetic woven fabric and carbon fiber harness and straps.
- Audible warning device.
- Optional connection for second wearer.
- Available with steel or composite cylinders.
- Conforms to EN 137 (Type I and Type II) and 136, SOLAS/ RINA approval according to the 96/98/CE, MED



FULL FACE MASK – C607

- Full face mask with a wide field of vision. One size fits all faces. Complies with EN 136 (for positive pressure versions complying with EN 148/3 and for the one with thread EN 148/1). For use with dust, gas and combined filters with a threaded connector conforms to EN 148/1 and with air supply devices (with thread EN 148/3).



The C607 can be fitted with the following Sèkur filters:

 Series DIRIN 230	 Series DIRIN 300
 Series DIRIN 500	 Series DIRIN 530

Breathing Air Compressor JUNIOR II



Technical Data

Model	Drive	FAD	RPM	Filling rate	Drive	Filter System	Dimensions approx. cm	Weight net
max. 330 bar 1)		l/min *	min ⁻¹	min **	kW	HP	TRIPLEX®	L W H approx. kg
JUNIOR II - B	4-stroke petrol 2)	100	2300	2,0	4,0	5,5	P21	78 34 42 44
JUNIOR II - E	three-phase	100	2300	2,0	2,2	3,0	P21	66 36 42 46
JUNIOR II - W	single-phase	100	2300	2,0	2,2	3,0	P21	66 39 42 46

Our patented TRIPLEX® filter cartridge is a safe source of pure breathing air according to DIN EN 12021 (formerly DIN EN 3188).

- Available with switch over device 330 / 225 bar or 225 bar/330 bar alternatively
- Standard unit with integrated telescopic intake tube and Subaru four-stroke engine

* cylinder filling from 0 to 200 bar

** filling rate for 1 litre cylinder capacity from 0 to 200 bar

Breathing Air Compressor OCEANUS

Technical Data

Model	Drive	FAD	RPM	Filling rate	Drive	Filter System	Dimensions approx. cm	Weight net
max. 300 bar 1)		l/min *	min ⁻¹	min **	kW	HP	TRIPLEX®	L W H approx. kg
OCEANUS-B	4-stroke petrol 2)	140	2300	1,4	4,0	5,5	P21	79 35 42 47
OCEANUS-E	three-phase	140	2300	1,4	3,0	4,0	P21	66 40 42 52
OCEANUS-W	single-phase 3)	140	2300	1,4	3,0	4,0	P21	66 40 42 52



The patented TRIPLEX® filter system guarantees purest breathing air according to DIN EN 12021 (formerly DIN EN 3188).

- Available with switch over device 330 / 225 bar or 225 bar/330 bar alternatively
- With telescopic intake tube and Subaru motor
- 230V, 50 Hz

* cylinder filling from 0 to 200 bar

** filling rate for 1 litre cylinder capacity from 0 to 200 bar

Breathing Air Compressor MARINER 320

Technical Data

Type	Drive	FAD	RPM	Filling rate	Drive	Filter System	Dimensions approx. cm	Weight net
max. 330 bar 1)		l/min 2)	min ⁻¹	min 3)	kW	HP	TRIPLEX®	L W H approx. kg
MARINER 320-B	4-stroke petrol	320	1450	0,6	9,6	13	P31	130 64,5 70 138
MARINER 320-E	3-phase	320	1450	0,6	7,5	10	P31	130 64,5 70 154



- Also available with switch over device 330 / 225 bar (5000 / 3300 psig) = HU type, e.g. CAPITANO 140 B-HU
- Cylinder filling from 0 to 200 bar (0 to 3000 psig)
- Filling rate for 1 l cylinder capacity from 0 to 200 bar (0 to 3000 psig)

MARINER II



Technical Data

Model	Charging Rate	FAD **	HP	RPM	Dimensions Inches			Weight
	SCFM *				L	W	H	lbs.
MII /DV-E1/E3	8.4	7.0	7.5	1250	46	22	24	285
MII /DV-G	8.4	7.0	8.0	1250	46	22	24	260
MII /DV-D	8.4	7.0	6.0	1250	46	22	24	278

* Based on recharging an 80 cubic foot tank from 500 to 3000 PSIG.

** Compressor capacity referenced to standard inlet conditions.

E1 = Single Phase Electric, 230 VAC/60 Hz

E3 = Three Phase Electric, 230/460 VAC/60 Hz

G = Gasoline

D = Diesel

KAP VERTICUS

VERTICUS 5-Range: 330 bar, 260–80 l/min

Technical Data Typ 1)	Drive motor	Free air delivery 2)			Number of compressor stages	Speed rpm	Filling rate 3)		Drive kW HP	Filter system 4)	Dimensions mm			Weight net approx. kg	Noise @ 1m/3' 5) dB (A)
		l/min	m³/h	cfm			min				L	W	H		
V12.14-5.5-5	three-phase	260	15,6	9,18	4	1185	0,77	5,5	7,5	P61/P81	1480	830	1520	395	72 dB
V12.14-7.5-5	three-phase	320	19,2	11,3	4	1470	0,63	7,5	10	P61/P81	1480	830	1520	400	(A)
V15.1-7.5-5	three-phase	370	22,2	13,1	4	1050	0,54	7,5	10	P61/P81	1480	830	1520	430	± 2
V15.1-11-5	three-phase	450	25,2	15,9	4	1320	0,44	11	15	P61/P81	1480	830	1520	440	dB
V150-11-5	three-phase	540	32,4	19,1	4	1230	0,37	11	15	P61/P81	1480	830	1520	440	(A)
V180-15-5	three-phase	680	40,8	24,0	4	1400	0,29	15	20	P61/P81	1480	830	1520	455	

VERTICUS 5-Range: 420 bar, 260–600 l/min

Typ 1)	Drive motor	Free air delivery 2)			Number of compressor stages	Speed rpm	Filling rate 3)		Drive kW HP	Filter system 4)	Dimensions mm			Weight net approx. kg	Noise @ 1m/3' 5) dB (A)
		l/min	m³/h	cfm			min				L	W	H		
V12.14-5.5-5	three-phase	260	15,6	9,18	4	1185	0,77	5,5	7,5	P61/P81	1480	830	1520	395	72 dB
V12.14-7.5-5	three-phase	320	19,2	11,3	4	1470	0,63	7,5	10	P61/P81	1480	830	1520	400	(A)
V15.11-11-5	three-phase	450	25,2	15,9	4	1320	0,44	11	10	P61/P81	1480	830	1520	440	± 2
V18.1-11-5	three-phase	520	31,2	18,4	5	1140	0,38	11	15	P61/P81	1480	830	1520	455	dB
VV18.1-15-5	three-phase	600	36,0	31,2	5	1320	0,33	15	15	P61/P81	1480	830	1520	465	(A)



- Also available with switch over device 330 / 225 bar (5000 / 3300 psig)
- Cylinder filling from 0 to 200 bar (0 to 3000 psig)
- Filling rate for 1 l cylinder capacity from 0 to 200 bar (0 to 3000 psig)
- Optional: P81 filter systemn
- Measured at a distance of 1m acc. to DIN 45635, part 1

MAXI VERTICUS



Technical Data

Model	Charging rate 1)		Number of stages	Motor		FAD 2)	RPM	Purification system	Dimensions inches (mm)			Weight
	scfm	l/min		hp	kW				L	W	H	
5000 psig (345 bar)												
MVT20-E3	21	595	4	15	11	17.5	1300	P5 SECURUS	44 (1118)	52 (1321)	72 (1830)	1050 (476)
MVT26-E3	26.4	748	4	20	15	22	1350	P5 SECURUS	44 (1118)	52 (1321)	72 (1830)	1150 (521)
MVT42-E3 3)	42	1190	4	30	22	35	1300	P10 SECURUS	44 (1118)	52 (1321)	72 (1830)	1500 (680)
6000 psig (414 bar)												
MVT19H-E3	19.2	544	5	15	11	16	1050	P5 SECURUS	44 (1118)	52 (1321)	72 (1830)	1125 (510)
MVT25H-E3	25.2	714	5	20	15	21	1300	P5 SECURUS	44 (1118)	52 (1321)	72 (1830)	1200 (544)
MVT35H-E3 3)	35.9	1017	4	30	22	29.8	1200	P10 SECURUS	44 (1118)	52 (1321)	72 (1830)	1530 (694)

- Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
- Compressor capacity referenced to standard inlet conditions.
- 30 hp units are in a cabinet other than depicted.
- E1 = Single Phase Electric, 230 VAC/60 Hz.
- E3 = Three Phase Electric, 230/460 VAC/60 Hz.
- Other voltages available on request.

MINI VERTICUS

Technical Data

Model	Charging rate 1)		Number of stages	Motor		FAD 2)	RPM	Purification system	Dimensions inches (mm)			Weight
	scfm	l/min		hp	kW				L	W	H	lbs. (kg)
5000 psig (345 bar)												
mVT6-E1/E3	6	170	3	5	3.7	5	1050	P2 SECURUS	29 (737)	49 (1245)	58 (1473)	880 (400)
mVT8-E1/E3	8.4	238	3	7.5	5.6	7	1250	P2 SECURUS	29 (737)	49 (1245)	58 (1473)	890 (404)
6000 psig (414 bar)												
mVT5H-E1/E3	5	142	3	5	3.7	4	1050	P2 SECURUS	29 (737)	49 (1245)	58 (1473)	880 (400)
mVT10H-E1/E3	9.7	275	4	7.5	5.6	8.1	1180	P2 SECURUS	29 (737)	49 (1245)	58 (1473)	900 (410)
mVT13H-E1/E3	13	368	4	10	7.5	10.8	1420	P2 SECURUS	29 (737)	49 (1245)	58 (1473)	950 (432)



- Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
- Compressor capacity referenced to standard inlet conditions.
- E1 = Single Phase Electric, 230 VAC/60 Hz.
- E3 = Three Phase Electric, 230/460 VAC/60 Hz.
- Other voltages available on request.

Poseidon Edition

PE 100 TE/TB/TW

The PE 100 is by far the smallest and lightest compressor unit of the PE range. With its three drive variants petrol, three-phase and single-phase alternating current it is suitable for a wide variety of applications, whether ashore, in vehicles or on the high seas.



Technical data

Model	Drive	F.A.D.	R.P.M.	Filling rate	Drive		Purification system	Dimensions approx. cm			Weight net approx.
225 or 330 bar ¹⁾		l/min ²⁾	min ⁻¹	min ³⁾	kW	HP		L	W	H	kg
PE 100 TB	4-stroke petrol	100	2300	2,0	4,2	5,7	P11	74	34	42	42
PE 100 TE	3-phase	100	2300	2,0	2,2	3,0	P11	66	35	42	44
PE 100 TW	Single-phase	100	2300	2,0	2,2	3,0	P11	66	35	42	44

- Only one operating pressure per unit possible
- Cylinder filling from 0 up to 200 bar
- Filling rate for 1 litre cylinder from 0 up to 200 bar

PE 200/250/300 TE

The PE 200 / 250-TE/TB models offer the optimum weight / price ratio. Owing to their compact construction, the plants are easy to transport and to load onto vehicles.

The oil pump allows inclinations up to 15°, therefore making these models most suitable for use on board of ships.

Technical Data

Model	Drive	F.A.D.	R.P.M.	Filling rate	Drive		Purification system	Dimensions (app. cm)			Weight net approx.
max. 330 bar ¹⁾		l/min ²⁾	min ⁻¹	min ²⁾	kW	HP	TRIPLEX®	L	W	H	kg
PE 200 TE	3-phase	200	1250	1,0	4,0	5,5	P21	110	52	57	120
PE 250 TE	3-phase	250	1450	0,8	5,5	7,5	P21 / P31	110	52	57	130
PE 300 TE	3-phase	300	1800	0,7	7,5	10,0	P21 / P31 / P42	110	52	57	140



- 225 bar/330 bar alternatively. Optional: available with switch over device 330 / 225 bar
- Cylinder filling from 0 to 200 bar. Filling rate for 1 l cylinder capacity.

PE 250/300 HE

The PE 250 / 300-HE horizontal models are by far the most compact high pressure breathing air compressors in their class. Owing to the space-saving arrangement of block and drive, the HE range requires a minimum of floor space in spite of its high throughputs. The standard version comes already equipped with automatic condensate drain and easy-to-use control.



Technical Data

Model	Drive	F.A.D	R.P.M	Filling rate	Drive		Purification system	Dimensions (app. cm)			Weight net approx.
max. 330 bar ¹⁾		l/min ²⁾	min ⁻¹	min ²⁾	kW	HP	TRIPLEX®	L	W	H	kg
PE 250 HE	3-phase	250	1450	0,8	5.5	7.5	P31 / P42	110	69	99	220
PE 300 HE	3-phase	300	1800	0,7	7.5	10	P31 / P42	110	69	99	230

- 225 bar/330 bar alternatively. Optional: available with switch over device 330 / 225 bar
- Cylinder filling from 0 to 200 bar. Filling rate for 1 l cylinder capacity.

PE 300-850 VE

The new generation of the VE range excels through its high delivery rates of up to 850 l/min. Tailored for breathing protection and scuba diving requirements, the new compressor control offers quick and easy access to all important functions.



Technical data

Model	Number of stages	F.A.D	R.P.M	Number of cylinder fillings per hour	Drive	Purification system	Dimensions ³⁾ (app. cm)			Weight ³⁾ net. approx	
		l/min	min ⁻¹	min ¹⁾	kW	PS	P-Reihe	L	B	H	kg
Units up to max. 330 bar ²⁾											
PE 300-VE	3	300	1800	9.0	7.5	10	P42	148	83	152	353
PE 400-VE	4	400	1800	12.0	11.0	15	P42				394
PE 550-VE	4	550	1230	16.5	11.0	15	P42				468
PE 700-VE	4	700	1400	21.0	15.0	20	P61				493
PE 850-VE	4	850	1800	25.0	18.5	25	P61				506
Units up to max. 420bar ²⁾											
PE 320-VE-420	4	320	1450	-	7.5	10	P41	148	83	152	405
PE 500-VE-420	4	500	1170	-	11.0	15	P41				445
PE 600-VE-420	5	560	1490	-	15.0	20	P61				460

- For 10l cylinder capacity from 0 to 200 bar
- Adjustment of the safety valve
- Silent version (open version 90 kg less weight)

Liferaft - Throw-over



Model: 6 Person (Solas A / B Pack)
 Model: 10 Person (Solas A / B Pack)
 Model: 12-16 Person (Solas A / B Pack)
 Model: 20 Person (Solas A / B Pack)
 Model: 25 Person (Solas A / B Pack)
 Model: 37 Person (Solas A / B Pack)

Liferaft - Davit Launched



Model: 12-16 Person (Solas A / B Pack)
 Model: 20 Person (Solas A / B Pack)
 Model: 25 Person (Solas A / B Pack)
 Model: 37 Person (Solas A / B Pack)

Liferaft - Throwover Self Righting



Model: 6 Person (Solas A / B Pack)
 Model: 8 Person (Solas A / B Pack)
 Model: 10 Person (Solas A / B Pack)
 Model: 25 Person (Solas A / B Pack)
 Model: 37 Person (Solas A / B Pack)
 Model: 50 Person (Solas A / B Pack)
 Model: 150 Person (Solas A / B Pack)

Accessories :

- Lashing Accessories for Liferaft
- HRU for Liferaft
- MS galvanised deck cradle / Tilting cradle

*** Additionally we have Crew saver – USA, Youlong - China, CSM – China, Fujikura – Japan available in our stock.

Rescue Boats and Fast Rescue Boats

Rescue boats

Rescue boat is designed to rescue persons in distress and to marshal survival craft. It can be hand pulled, sail powered and powered by an engine.

Inflatable Rescue Boat

ZODIAC MARK II GRAND RAID LONG SHAFT TRANSOM

Make: Zodiac-France
 Model: MK 2 GR
 Maximum Number of Persons: 7
 Overall Length: 4.20m
 Overall Width: 1.75m



ZODIAC MARK III GRAND RAID LONG SHAFT TRANSOM

Make : Zodiac-France
 Model : MK 3 GR
 Maximum Number of Persons : 9
 Overall Length: 4.70m
 Overall Width: 1.90m



ZODIAC MARK IV HEAVY DUTY

Make : Zodiac-France
 Model : FC 530
 Maximum Number of Persons : 12
 Overall Length: 5.30m
 Overall Width: 2.14m



Model: 'MARK V'

Make: Zodiac, France
 Capacity: 15 Persons
 Dimensions: Length 5.85 m,
 Width 2.48 m
 Mariner Outboard Petrol Engine
 40 HP Long Shaft 2 Stroke



Rigid Hull Inflatable Rescue Boat

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- Model: 'RIBO 450'
- Make: Zodiac, France
- Capacity: 6 Persons
- Dimensions: Length 4.50 m, Width 1.90 m
- Equipped with One 40 Hp Outboard Engine and a Four Point Lifting Sling

Approvals: SOLAS / MED approved by BV

RIGID HULL RESCUE BOAT 6 PERSONS, INBOARD DIESEL ENGINE, PROPELLER VERSION

- Length: 4.5 meters, Width: 1.95 meters.
- Capacity: 6 Persons (Max Carrying Capacity)
- Speed >6knots
- Weight: 1,325 Kg (Full Load with 6 People)
- Lifting arrangement off load rescue boat hook
- Hull and Deck made up of GRP
- Buoyancy Material - Polyurethane foam



As per IMO LSA Code MSC.218 (82) and MSC.272 (85)
and ABS Steel Vessel Rules 1-1-4/7.7

Model: NPT 45 RB

Make: Jiangyin Neptune Marine Appliance Co., Ltd.

Approvals: ABS

FULLY RIGID RESCUE BOAT 6 PERSONS, INBOARD DIESEL ENGINE, PROPELLER VERSION

- Length: 4.5m
- Capacity: 6 Persons
- EC/MED Approved
- C/w diesel inboard Engine and fully equipped

Model: RR4.5 ID

Make: Fassmer, Germany



Boxes available for storage of following:

- Fire extinguisher cabinets
- Fire hose cabinets
- Firefighting equipment cabinets
- Immersion survival suit chests
- Life vest storage
- Lifebuoy cabinets
- Breathing apparatus storage
- Stretcher cabinets
- Emergency equipment cabinets



Type use : Manifold Boxes (For 2/4/6/12 no's Outlets)
 Material : 4/6/8/10 mm nominal thickness GRP
 (Varies as per Size of Box)
 Dimensions : 530H x 300W x 1000L
 Door Handle : S.S Latches. Hinges S.S.
 Wall Mounting : 40x3mm Steel Flat bar reinforced for Wall Mounting
 Seal : EPDM Seal
 Stenciling : Optional English/Arabic (Manifold Outlets)
 Colour : RAL 1021 (Yellow)



Material : 3-4mm nominal thickness GRP
 Door catch : Stainless steel & nylon jaw action
 Colour : RAL 3020 (RED)
 Door handle : Recessed nylon rod
 Hinges : Stainless steel T hinge
 Seal : 6mm x 19mm neoprene sponge
 Reinforcement : 150mm² pads to top corners of back
 BA retaining clips : Plastic coated sprung steel x 2



Type use : Fire Hose reel Box
 (30-20 Meter Length hose pipe)
 Material : 3-4 mm nominal thickness GRP
 Dimensions : 600H x 550W x 180D
 Door Handle : S.S Latches. Hinges S.S
 Seal : EPDM Seal
 Stenciling : Optional English/Arabic (FIRE HOSE)
 Colour : RAL 3020 (RED)



Material : 3-4 mm nominal thickness GRP
 Dimensions : 980H x 485W x 350D
 (Aperture 810H x 345W x 290D)
 Door Handle : S.S Recessed type lock with handle. Hinges S.S
 Seal : EPDM Seal
 Stenciling : Optional English/Arabic (FIRE EXTINGUISHER)
 Colour : RAL 3020 (RED)



Type use : Immersion Suits Cabinet
 (For Storage 30 Nos. Suits)
 Material : 4/6/8/10 mm nominal thickness GRP
 (Varies as per Size of Box)
 Dimensions : 800H x 800W x 600D
 Door Handle : S.S Handle 3-Way Lock system.
 Hinges S.S. Handle S.S
 Legs : 75x50x50 GRP legs
 (for Self Standing, additional Support at base)
 Seal : EPDM Seal
 Stenciling : Optional English/Arabic (LIFE JACKETS)
 Colour : RAL 3020 (RED)



Type use : Life Jacket Box (for 50 no's Capacity)
 Material : 4/6/8/10 mm nominal thickness GRP
 (Varies as per Size of Box)
 Dimensions : 2395L x 890W x 900H
 Door Handle : S.S Latches. Hinges S.S
 Legs : 75x50x50 GRP legs
 (for Self Standing, additional Support at base)
 Seal : EPDM Seal
 Stenciling : Optional English/Arabic (LIFE JACKETS)
 Colour : RAL 3020 (RED)



Type use : Life Jacket Box vertical type
 (For Storage fire equipments)
 Material : 4/6/8/10 mm nominal thickness GRP
 (Varies as per Size of Box)
 Dimensions : 2395H x 1385W x 460D
 Door Handle : S.S Handle 3-Way Lock system.
 Hinges S.S. Handle S.S
 Legs : 75x50x50 GRP legs
 (for Self Standing, additional Support at base)
 Seal : EPDM Seal
 Stenciling : Optional English/Arabic (LIFE JACKETS)
 Colour : RAL 3020 (RED)

Safety Signs, Training Poster and Warning Tapes

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We manufacture and supply all types of LSA Signs, Direction Signs, Fire Signs, Mandatory Signs, Hazard Signs, Warning Signs, Safety Procedure Posters and Tapes, on Photoluminescent, Flexible gloss white Vinyl, Reflective and Rigid PVC materials, complying with IMO resolutions.

Life Saving Appliance



Direction Signs



Fire Control Symbols



Prohibition Signs



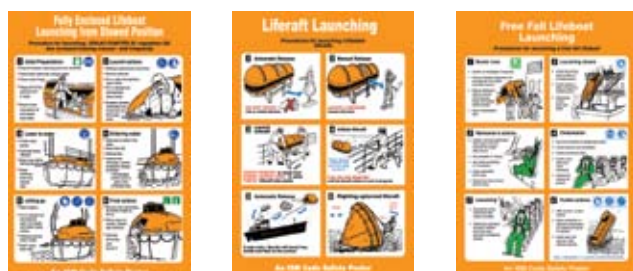
Hazard Signs



Mandatory Signs



Safety Awareness and Training Posters



Tapes



Photoluminescent Tapes, Pipe Identification Tapes, Non-adhesive Barrier Tapes, Warning Tapes, Non-slip Tapes, Reflective Tapes etc.

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