



## Slotted V-Gard Safety Helmets

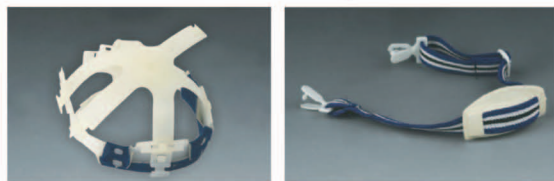


Made of polyethylene shell with suspension system working together as a Protection system.

CODE	Colour	CODE	Colour
310101	White	310109	Hi-Viz Green
310102	Blue	310110	Gold
310103	Yellow	310111	Robin's Egg Blue
310104	Orange	310112	Brown
310105	Red	310113	Silver
310106	Green	310114	Tan
310107	Gray	310115	Black
310108	Hi-Viz Orange		

## Replacement Suspensions

for Slotted V-Gard Safety Helmet



CODE	Type	Size	Norm Inch
310121	Fas-Trac	Smal	6 to 7-1/8

## Faceshield Frames and Visors for MSA V-Gard Helmet

For protection of the face against abrasive particles, flying objects, chemical splashes.



31 05 01	Ddfedder frame only for faceshield for V-Gard cap	Pc.
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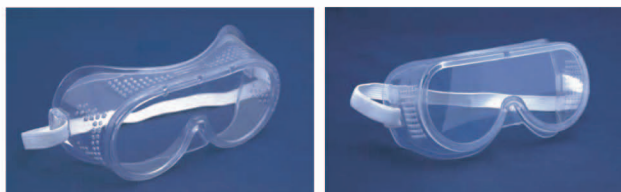
## UV-Resistant Goggles



311031	Goggles, un-resistant	Pr.
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## Softframe Single-Lens Goggles

Efficiently fit most facial contours. Large, one-piece, 0.60-inch-thick polycarbonate lens provides wide, undistorted field of vision



### Standard Lens Typs

CODE	Frame Colour	Frame Style	Headband	Part No.
311001	Clear	Perforated	Elastic	695847

### Anti-Fog Lens Typs

CODE	Frame Colour	Frame Style	Headband	Part No.
311005	Clear	Perforated	Elastic	695850

## Wide - Vision Chemical Splash Goggles



CODE	Frame Colour	Frame Style	Lens Type	Part No.
311021	clear	clear	Standard	791079

## Protective eyewear



CODE	Frame Colour	Lens Colour	Part No.
311051	Black	Clear	10026005

## Boat Hooks



330285	Boat hook for lifeboat	PC.
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## Lifeboat Rowlocks (Crutches)

Made of galvanized malleable iron.



3302	Rowlock,lifeboat.length × opening	PC.
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## Inflatable Liferafts

A wide variety of models from different manufactures are available to meet the requirement of the international Convention for the Safety of Life at Sea (SOLAS) 1983. They are furnished with standard equipment and additional features as the customer specifies, such as Deck Cradle, Hydrostatic Release, etc. An exceptionally rugged construction supplied in glassreinforced plastic (GRP) containers. Every liferaft shall be serviced at intervals not exceeding 12 months.



CODE	Capacity	CODE	Capacity
330101	6 men	330104	20 men
330102	10 men	330105	25 men
330103	15 men		

## Hydrostatic Release Units

### Double Looped Rope Line Type

These units consist of a double looped rope line, a release mechanism, and a weak link.



CODE	Model	For
330119	Hammar H20R	Li Epirb feraft

## Inflatable Life Jackets

Made of air and watertight rubberlined nylon. Inflation is done by means of CO2 cylinders provided with the jacket.



CODE	Approved	Usage	Material	Required time to expand
330140	CCS	adult	Rubber	App. 5min

## Life Jackets

A life jackets should be provided for every person on board the ship. Each life jacket is fitted with a light, whistle, and retro-reflective material. Made of polyethylene foam material covered by polyester.



CODE	Approved	Usage	Material	Cover
330131	CCS	Adult Child	Polyethylene Foam	Polyester

## Lifebuoys

Normally made form polyethylene outer skin and polyurethane foam inner core. In compliance with requirements it is fitted with a buoyant lifeline.



CODE	Approved	O.D.	I.D.	Weight
Weight Over 2.5kgs (General Purpose)				
330151	CCS	Under 800mm	Over 400mm	Over 2.5kgs and less than 4.0kgs
Weight Over 4 kgs (For Quick-release Arrangement)				
330154	CCS	Under 800mm	Over 400mm	Over 4.0kgs

## Life Jackets Lights

Each life jacket shall be fitted with a light complying with the requirements for a 0.75 cd light for 8 hours. The battery will be operated automatically upon entry into the water.



330143	Life jacket light	Pc
330145	Bag for life jacket light	Pc





## Immersion Suits

Made of foam rubber. Serves to prevent the loss of body heat when submerged in cold water. Shall be provided for every person assigned to the crew of the rescue boat at least three immersion suits shall be provided for each open type lifeboat on the ship.

CODE	Approved	Material
330169	U.K. DOT	Foam rubber
330170	H.K.	
330171	N.M.D.	
330172	U.S.C.G.	



## Buoyant Smoke Signals

For daylight use, an unmistakable orange smoke trail makes it a mandatory signal for carrying in ship's lifeboats and liferafts.

- 1) Min.period emitting smoke
- 2) Min.burning period under 100mm of water

CODE	Model	Unit
330331	MK.5(53695)	Pc.
330366	KM-46S	2's/Set
330391	KB-8	Pc.
331331	34210	Pc.
331381	1320	Pc.



## Lifebuoy Self-Activating Smoke Signal

A daylight smoke marker attached to the lifebuoy by means of a lanyard.

- 1) Min.period for emitting smoke
- 2) Ditto in suberged case

CODE	Model	Bracket
330323	BuoySmoke	with
330324	Mk2(53826)	without
330325	56850	
330364	KM-83	
330389	KS-6	
331323	345200	with
331373	1217	with



## Rocket Parachute Flares

For long range distress signaling.

For use from a ship's bridge, lifeboats and liferafts.

- 1) Burning colour
- 2) Min.projection altitude
- 3) Min.average luminous intensity
- 4) Min.burning period
- 5) Max.rate of descent

CODE	Model
330355	KM-55



Red 300mtr 30000 cd  
40 sec  
5 m/s

## Hand Flares

For use in short range distress signaling.

- 1) Burning colour
- 2) Min.average luminous intensity
- 3) Min.burning period
- 4) Min.burning period under 100 mm of water



red  
15000cd  
1 min

10 sec

CODE	Model	Unit
330358	KM-35	4's/set
330359	KM-35	6's/set

## Emergency Escape Breathing Devices

Required by SOLAS 1974 in regulation 13 revised in 2000,all ship shall carry at least two Emergency Escape Breathing Devices within accommodation spaces for providing respiratory protection in toxic and oxygen deficient atmospheres.Hood and face pieces should be considered flame resistant and include a clear window for viewing. An unactivated Emergency Escape Breathing Devices should be capable of being carried hands-free.



CODE	Description	Unit
Emergency Escape Breathing Devices		
330435	Duration of Service 10 min.	Set
330438	Duration of Service 15 min.	Set
Spare Cylinder For Emergency Escape Breathing Devices		
330436	Duration of Service 10 min.	Set
330439	Duration of Service 15 min.	Set



## Daylight Signalling Lamps

All ships of over 150 tons gross tonnage, when engaged on international voyages, shall have on board an efficient daylight signaling lamp which shall not be solely dependent upon the ship's main source of electrical power.



CODE	330641	330642
Model	SPM-9A	SPM-9
Lamp	G40 P 15 D/19 24V 60W	G40 P15 D/19 12V 60W
Luminosity	100000 cd	
Material	Aluminium alloy casting	

## International Shore Connections

The connection is fitted with a coupling to match the hose coupling on the ship.



3308	International shore connection fitted with Couplings to match hose coupling on ship	Pc.
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## Fog Nozzles 3 - Position For fire hose nozzle

Nakajima coupling	
code	Szie
330831	1-1/2 "
330832	2 "
330833	2-1/2 "
ANSI Pin	
330834	1-1/2 "
330835	2 "
330836	2-1/2 "
Machino	
330837	1-1/2 "
330838	2 "
330839	2-1/2 "



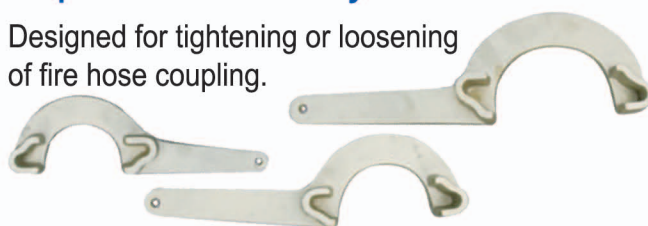
## Fire Hose



Rubber lined tetorn			
CODE	Nominal Size	Length Per Coiil	Working Pressure
330701-330712	40/50/60mm	15/20/25/30mtr	9kgf/cm <sup>2</sup>
CODE	Nominal Size	Weight grm/mtr	Length Per Coil
330731	40	335	20mtr
330732	50	430	
330733	60	570	

## Spanners for Hydrant

Designed for tightening or loosening of fire hose coupling.



CODE	Type of Hydrant	Nom.Coupling Size	Overall Length mm
330791	Nakajima	40A	270
330792		50A	295
330793		65A	330

## Fire Hose Nozzles

Nakajima coupling			Machino Coupling		
code	Size	Unit			
330801	40mm	Pcs	330809	40mm	Pcs
330802	50mm	Pcs	330810	50mm	Pcs
330803	65mm	pcs	330811	65mm	pcs
ANSI Pin coupling			China		
330806	40mm	Pcs	1	40mm	pcs
330808	65mm	Pcs	2	50mm	pcs
			3	65mm	



## Hose Couplings

CODE	Size	Type	Standard	Connection
330851	40A(1-1/2)	Nakajima	JIS F-7335	Interlocking
330852	50A(2)			
330853	65A(2-1/2)			
330854	25A(1)	Macnino	JIS B-9911	Inserting
330855	40A(1-1/2)			
330856	50A(2)			
330857	65A(2-1/2)			
330858	75A(3)	Johon Morris	B.S.336	Interlocking
330859	40A(1-1/2)			
330860	50A(2)	Nor	Norwegian	Interlocking
330861	65A(2-1/2)			
330862	40A(1-1/2)	(USA)	NH(NST)	Screw Connecting
330863	50A(2)			
330864	65A(2-1/2)	French	NF-S61-704 NF-S61-705	Interlocking
330865	1-1/2"			
330866	2-1/2"	Storz	DIN 14302 DIN 14303	Interlocking
330867	40A(1-1/2)			
330873	65A(2-1/2)			
330874	52C(2)			
330875	75B(3)			





## Reducing Hose Couplings

Made of bronze. Designed for connecting hoses of different size. Furnished in individual pieces.



CODE	Coupling Type	Size	
330891	Nakajima	2-1/2"	1-1/2"
330892	Machino	2-1/2"	1-1/2"
330893	ANSI Pin	2-1/2"	1-1/2"

## Fire Valve



## Safety Belts & Hooks

General use safety belt with lifeline and hook

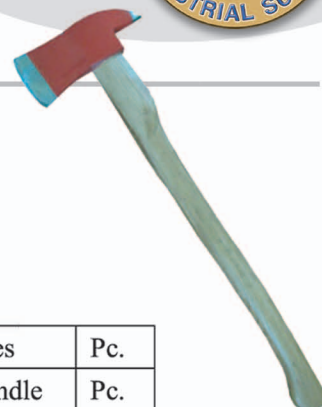


331101	General use safety belt with lifeline&hook Lifeline & hook 10mm $\varnothing$ × 1500mm	Pc.
331102	General use safety belt with lifeline & hook Lifeline & hook 10mm $\varnothing$ × 1500mm	Pc.

## Fire Axes

Required with fire fighting gear by SOLAS regulation Chapter III Number 17. "The axe have a pick head with a wood or insulated handle."

330961	Fire axe pickhead with wood handles	Pc.
330962	Fire axe pickhead with insulated handle	Pc.



## Fire Blankets



CODE	Material	Size	Case	CODE	Size mm	CODE	Size mm
330950	Fibreglass with silicone rubber coating	1.8*1.2mtr	PVC	330953	460×200	330955	1830×1520
				330954	910×760	330956	2440×1830

## Fireproof Lifelines

Combination rope of wire and nylon or hemp rope, complete with safety snap hook. Available in 30,40,50 mtr lengths.



CODE	Line			Hook
	Diam.	Length	Construction	
330971	8mm	30	Wire & Nylon	Safety Snap Hook
330972		40		
330973		50		
330974	12mm	40	Wire & Hemp	

## Safety Harness

For use to lift or lower workmen in rescue or work operations in places where there is a high risk of falling



331104	Safety harness full body type	Pc.
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## Self - Locking Lifelines

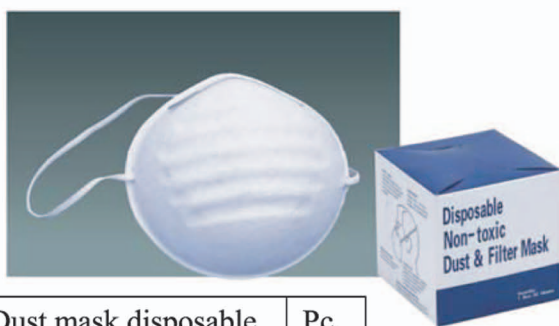


The self-locking mechanism reduces the impact force and automatically stops the fall when a worker slips or falls with a sudden tension.

CODE	Length of Wire	Diam. Of Wire	Max.Load Capacity
331105	10 mtr	4.76mm	130kgs
331106	12 mtr		
331107	15 mtr		
331108	20 mtr		
331109	25 mtr		

## Dust Mask Disposable

Protects against non-toxic dust, powders, and spray particles. Comfortable, efficient, lightweight, and low cost, disposable mask.



331128	Dust mask disposable	Pc.
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## Plastic Chipping Goggles

Made of plastic, worn to protect the eye when chipping or scaling metal or other objects that may chip or fragment



331141	Chipping goggles plastic, standard	Pr
331142	Chipping goggles plastic, anti-fog	Pr

## Ear Muffs

Highly efficient ear muffs for protection of loud noises of all pitches in factories and areas where air compressors and turbines are used.

331153	Ear muffs	Pc.
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## Dust Protecting Masks Respirators

Designed to prevent the inhalation Application of Respirator Filter of dust.



CODE	Filtering System	Preventive Efficiency	Weight grm
331111	Mechanical	99.8%	52

CODE	331118	331120
Filter Type	Mechanical	Electrostatic

331124	Respirator, Comfo Classic with respirator filter GME	Set
331125	Respirator filter GMA, PT/NO.464031	Pc

## Full-Facemask Respirators



CODE	331135	331137
Matarial	Natural Rubber	Silicone Rubber
Heat Resistance	100°C	250°C
Weight grm	560	550

## Paint Spray Respirators

Low concentration single filter half face gas mask used as a respirator for low concentrations of gases, such as when painting with sprayers. Never use when the oxygen concentration in the atmosphere is less than 18%



331131	Paint spray respirator, half mask single filter cartridge	Pc.
331132	Replacement filter cartridge for paint spray respirator	Pc.







## Ear Plugs

Made of silicon-rubber for general noise from high-pitched to low –pitched noise or only for high –pitched noise. Made of flexfit, self-expandable and self-adjusting foam.



Packing  
Purchase  
G.W./N.W.  
Packing Size

Plastic Bag  
1000  
6/5KGS  
50X36X23

331156	Ear plug silicon rubber for hi-low pitch noise	Pr.
331157	Ditto for hi pitch noise	Pr.
331158	Ear plug self-fit foam	Pr.

## Personal Microcomputer Breath Alcohol Test



CODE	331225
Specificity	Specifi for alcohol
Purge Cycle	30 seconds
Breath Sample	6 second continous breath sample
Analysis Time	Immediate
Range of Measurement	0 to 100 mg%(0.000 to 0.100% BAC)
Battery Pack	9 Volt alkaline battery(Included)

## Anti - Slip Tapes

Gives safe, slip free footing anywhere falls could be a problem. Designed especially for stairs, Kitchens, around pools, in food service areas, wheel chair ramps and lobbies.



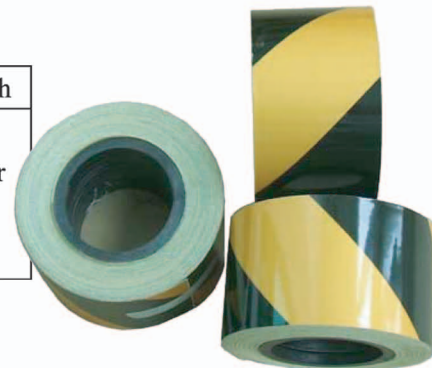
CODE	Type	Size W×L	Color
331181	A	10cm×18 mtr	Black



## Hazard Warning Reflective Tapes

Self adhesive black and yellow striped tape used to warn against hazards. It can adhere to any reasonably clean surface and can be easily removed. Highly reflective for visibility at night or in a dark area.

CODE	Width	Thick	Length
331191	45mm	0.24mm	10mtr
331192	90mm		
331193	150mm		
331194	970mm		



## Retro - Reflective Tapes

Retro-reflective tape which reflects light. All life-saving equipment (Liferafts, Life Jackets, etc.) shall be fitted with retro-reflective tapes where it will assist in detection.

CODE	Colour	Width	Usage	Unit
330189	Sliver SOLAS grade	50mm×47.5mtr	For life saving equipment	Rol

