

FAST MOVING ITEMS



Manlid Seals

PTFE / Braided Manlid Seal

Specification

Material	Pure Poly Acrylic Nitrile (P.A.N.) fiber, thoroughly impregnated with heavy PTFE dispersions
Compatibility	General chemicals, Solvents, Oils, Water & Steam.
Temperature Range	-30°C (-22°F) to 120°C (248°F)

Note: This seal is non-gas-tight, it does not withhold air pressure.



Range

Part No.	Dimension	Weight
GSM10101700B	10mm x 10mm x 1700mm	200g
GSM10141630B	10mm x 14mm x 1630mm	264g
GSM10191630B	10mm x 19mm x 1630mm	357g
GSM14141630B	14mm x 14mm x 1630mm	380g

*Other lengths / rolls are available upon request.



Sweet White Rubber (SWR) Manlid Seal

Specification

Material	Sweet White Rubber (SWR) / Natural White Rubber
Compatibility	Food products
Temperature Range	-50°C (-58°F) to 80°C (176°F)

Range

Part No.	Dimension	Weight
GSM08101625SWR	08mm x 10mm x 1625mm	194g
GSM10101625SWR	10mm x 10mm x 1625mm	238g
GSM10161625SWR	10mm x 16mm x 1625mm	362g
GSM10141630SWR	10mm x 14mm x 1630mm	326g
GSM14141630SWR	14mm x 14mm x 1630mm	447g
GSM500S	500mm Ring Type	249g

*Other lengths / rolls are available upon request.



Manlid Seals

SuperCrest Manlid Seal

Specification

Material	Braiding PTFE over a solid EPDM
Compatibility	Corrosive cargoes up to 140°C
Temperature Range	Maximum 170°C peak working temperature

Range

Part No.	Dimension	Weight
GSM300SC	300mm Ring Type	200g
GSM500SC	500mm Ring Type	400g



Viton Manlid Seal

Specification

Material	Viton
Compatibility	Corrosive cargo
Temperature Range	-25°C (-13°F) to 200°C (392°F)

Range

Part No.	Dimension	Weight
GSM500V	500mm Ring Type	370g



Manlid Seals

Encapsulated Manlid Seal

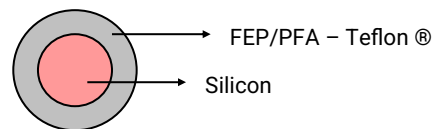
Specification

Material	Combine of elastomer core of Silicon with a relatively thin, moulded encapsulation of Teflon®
Compatibility	Resistant to practically all chemicals. Gas permeation is at a substantially lower rate than most other plastics. Immune & absorb near zero acid or alkaline
Temperature Range	Up to 300°C

Range

Part No.	Dimension	Weight
GSM300I	300mm Ring Type	200g
GSM500I	500mm Ring Type	400g

*Core of Viton Encapsulated with Teflon is available upon request.



Cross section

EPDM (Black Color) Manlid Seal

Specification

Material	EPDM
Compatibility	Some corrosive cargo. Not suitable for petroleum based liquids
Temperature Range	-50°C (-58°F) to 150°C (302°F)

Range

Part No.	Dimension	Weight
GSM500E	500mm Ring Type	237g



Valve Seals and O Rings

Valve Seals

Please contact our sales team if size or material you require is not listed below.

Part No.	Description	Dimension		Weight
		ID	OD	
GSS5006	1½" Airline Ball Valve PTFE front seal (For use on Fort Vale valve)	29mm	54mm	27g
GSS5006P	1½" Airline Ball Valve PTFE front seal (For use on Perolo valve)	33mm	53mm	23g
GSS5007	1½" Airline Ball Valve PTFE rear seal (For use on Fort Vale valve)	30mm	61mm	26g
GSS5007P	1½" Airline Ball Valve PTFE rear seal (For use on Perolo valve)	36mm	66mm	47g
GSS0202	2" Airline Butterfly Valve PTFE main seal (For use on Fort Vale valve)	47mm	66mm	10g
GSS0002	3" Butterfly Valve PTFE main seal (For use on Fort Vale valve)	76mm	105mm	42g
GSS855794	3" Butterfly Valve Teflon seal (For use on Perolo valve)	76mm	105mm	50g
GSS0399	3" Blacko Ball Valve PTFE Front Seal (Old version Fort Vale)	79mm	143mm	274g
GSS1470	3" Blacko Ball Valve PTFE Rear Seal (Old version Fort Vale))	76mm	102mm	47g
GSS3405	3" Blacko Ball Valve PTFE Front Seal (New version Fort Vale Valve)	76.7mm	127mm	131g
GSS3402	3" Blacko Ball Valve PTFE Back Seal (New version Fort Vale Valve)	93.3mm	76.8mm	30g
M9140193/10	11/2" Airline Ball valve front seal for use on Perolo AD3X series	32.2mm	44mm	8g
M9140193/12	11/2" Airline Ball valve rear seal for use on Perolo AD3X series	36mm	65.7mm	34g



Valve Seals and O Rings

O Rings

Please contact our sales team if the size or material you require is not listed below.

Part No.	Description	Dimension		Weight
		ID	OD	
GS05104	3" Footvalve encapsulated O Ring	78mm	88mm	9g
GS05101	2½" PV pressure encapsulated O Ring	67mm	77mm	9g
GS05108	2½" PV vacuum encapsulated O Ring	31mm	38mm	2g
GS05105	3" Footvalve viton O Ring	78mm	88mm	11g
GS05102	2½" PV pressure viton O Ring	67mm	77mm	9g
GS05107	2½" PV vacuum viton O Ring	28mm	35mm	2g
GS05342	3" Butterfly Valve clamping plate nitrile O ring	95mm	98mm	4g
GS05664	2" Butterfly Valve clamping plate EPDM O ring	80mm	82mm	1g



Encapsulated O Ring



Viton O Ring

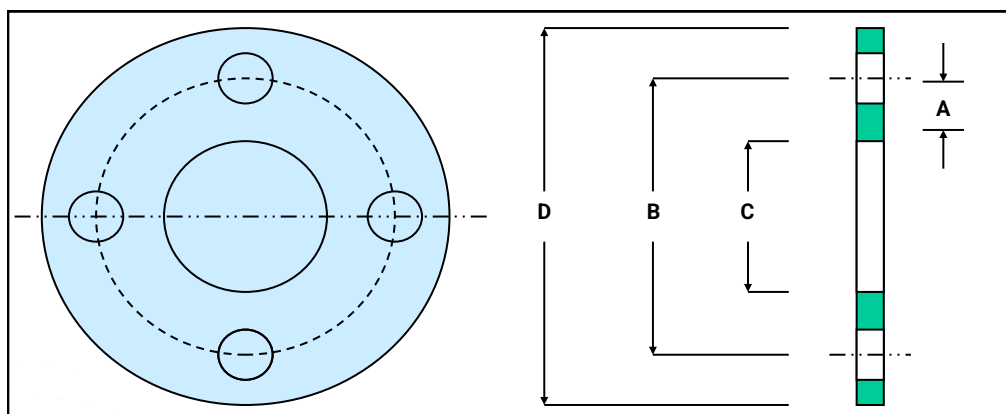


Valve Gaskets

Part No.	Description	Material	No. of Holes	A	B	C	D
				Hole Ø	PCD	Internal Ø	External Ø
GSG5015	Footvalve to Tank Envelope Gasket	CNAF/ PTFE	8	14mm	178mm	115mm	203mm
GSG5015T	Footvalve to Tank PTFE gasket - 8 Holes	Solid PTFE	8	14.5mm	178mm	115mm	203mm
GSG5015/1	Footvalve to Tank Envelope Gasket (Interchangeable for 4 hole and 8 hole inlet flange footvalve)	CNAF/ PTFE	4	18mm	178mm	115mm	208mm
			4	14mm			
GSG5015/1T	Footvalve to Tank PTFE Gasket (Interchangeable for 4 Hole and 8 Hole Inlet Flange Footvalve)	Solid PTFE	4	18mm	178mm	115mm	203mm
			4	14mm			
GSG5032	Footvalve to Tank Envelope Gasket	CNAF/ PTFE	4	18mm	178mm	115mm	203mm
GSG5046	PV Valve Envelope Gasket w/o Hole	CNAF/ PTFE	-	-	-	76mm	90mm
GSG5046T	PV Valve PTFE Gasket Without Hole	Solid PTFE	-	-	-	76mm	90mm
GSG5046-4H	PV Valve Blank Flange Envelope Gasket	CNAF/ PTFE	4	19mm	140mm	66mm	178mm
GSG5049	Bottom Outlet Envelope Gasket	CNAF/ PTFE	4	18mm	160mm	78mm	203mm
GSG5049S	3" Butterfly Valve to Footvalve Outlet Envelope Gasket (Square)	CNAF/ PTFE	4	18mm	160mm	78mm	145mm SQUARE
GSG5049T	Bottom Outlet Teflon Gasket	Solid PTFE	4	18mm	160mm	78mm	203mm
GSG5169	Syphon Tube to 3" Flanged Butterfly valve/ Ball Valve to Outlet Envelope Gasket	CNAF/ PTFE	6	15mm	168mm	78mm	198mm
GSG5193	1½" Airline Valve Top Blank Flange Envelope Gasket	CNAF/ PTFE	4	16mm	98mm	43mm	127mm
GSG5193NH	Airline Valve Envelope Gasket without Hole	CNAF/ PTFE	-	-	-	50mm	80mm
GSG5195	1½" BSP Airline valve inlet envelop gasket (Square)	PTFE/ CNAF	4	11mm	99mm	48mm	96mm SQUARE
GSG5222	Syphon Tube Envelope Gasket w/o Hole	CNAF/ PTFE	-	-	-	102mm	140mm
GSG5222-H6	Dip Tube Envelope Gasket 6 Holes	CNAF/ PTFE	6	14mm	168mm	102mm	203mm
GSG5345	3" Composite Butterfly Valve Outlet Teflon Gasket	Solid PTFE	6	12mm	120mm	90mm	142mm
GSG5348	1½" Airline Ball Valve PTFE Gasket (Square)	Solid PTFE	4	10mm	102mm	32mm	95mm SQUARE
GSG5360	2" Flanged Airline Butterfly Valve Envelope Gasket	CNAF/ PTFE	4	18mm	125mm	50mm	160mm
GSG5398	PV Valve Adaptor Flange Envelope Gasket	CNAF/ PTFE	6	13mm	105mm	66mm	127mm
GSG5490	Bottom Outlet Envelope Gasket w/o Hole	CNAF/ PTFE	-	-	-	90mm	130mm
GSG5490H	3" Butterfly Valve to 3" Outlet Connection Envelope Gasket (Square)	CNAF/ PTFE	4 (Slotted)	18mm	146mm-160mm	89mm	145mm SQUARE
GSG5490HT	3" Butterfly Valve to 3" Outlet Connection PTFE Gasket (Square)	Solid PTFE	4 (Slotted)	18mm	160mm	89mm	145mm SQUARE
GSG5500	2" Airline Butterfly Valve Inlet PTFE Envelope Gasket (Square)	Solid PTFE	4	10mm	102mm	50mm	95mm SQUARE
GSG5500T	2" Airline Butterfly Valve Inlet PTFE Gasket (Square)	Solid PTFE	4	11mm	102mm	50mm	96mm SQUARE

*Others sizes are available upon request / custom made.

Valve Gaskets



Flanges & Connection

Adaptor Flanges

Part No.	Description	No. of Holes	Hole Ø	PCD	Drilling Spec.
F0404	Top Discharge Butterfly Valve	8	18 & M16	160	DIN80
F7001	2½" BSP Relief Valve	6	11	105	-
F3091	2½" BSP Relief Valve	4	18	145	DIN65 PN10



F0404



F7001



F3091

Blind Flanges

Part No.	Description	No. of Holes	Hole Ø	PCD	Drilling Spec.
M80206	Blank Flange Top Discharge	6	14	168	-
M80022	Flange Dished Blind DN 80	4	18	160	DIN80
M88066	3" Blank Flange with Elongated	4	18 (Slots)	146 to 160	DIN80 / 3" ASA
F0007	2½" PV Valve Blank Flange	6	11	105	-



M80206



M80022



F0007



M88066

Flanges & Connection

Outlet Flanges

Part No.	Outlet Flange Description	No. of Holes	Hole Ø	PCD	Drilling Spec.
M88047	3" BSP Outlet Square Type Connection - 4 Holes	4	18	160	DIN 80



M88047

Weld-in Flanges

Part No.	Description	No. of Holes	Hole Ø	PCD	Drilling Spec.
F0006	45° Footvalve Weld-In Flange	8	M12	178	3½" ASA 150
F3150	2½" PV Valve Weld-In Flange	6	M10	105	-
F0025	1½" Airline Weld-In Flange	4	M8	103.5	-



F0006



F0025



F3150



Dust Caps

Dust Caps - A range of dust caps are available in Stainless Steel or Aluminum. The dust caps consist of seal and chain.

Please contact our sales team if size or material you require is not listed below.

Dust Caps — Stainless Steel

Description	Part No.
¾" BSP Dust Cap SS c/w PTFE Seal & Chain	M8C075SB
1" BSP Dust Cap SS c/w PTFE Seal & Chain	M8C100SB
1½" Dust Blank Cap SS c/w PTFE Seal & Chain	M8C150SB
2" BSP Dust Cap SS c/w PTFE Seal & Chain	M8C200SB
3" BSP Dust Cap SS c/w PTFE Seal & Chain	M8C300SB



Dust Caps — Aluminum

Description	Part No.
¾" BSP Aluminum Cap c/w Leather Washer & Chain	M8C075AB
1" BSP Aluminum Cap c/w Leather Washer & Chain	M8C100AB
1½" BSP Aluminum Cap c/w Leather Washer & Chain	M8C150AB
2" BSP Aluminum c/w Leather Washer & Chain	M8C200AB
3" BSP Aluminum c/w Leather Washer & Chain	M8C300AB



Dust Caps Gaskets — PTFE

Description	Part No.
¾" PTFE Dust Cap Gasket	GSG01
1" PTFE Dust Cap Gasket	GSG02
1½" PTFE Dust Cap Gasket	GSG03
2" PTFE Dust Cap Gasket	GSG04
3" PTFE Dust Cap Gasket	GSG05



Document Holders

Document Holders - A sealed tube for carrying documents, such as the transport action, cleaning certificate, etc.

Range

Description	Part No.
3" plastic document holder with SS retaining cable	DH1
4" plastic document holder with SS retaining cable	DH2
4" clear plastic document holder with SS retaining cable	DH3



Flame Traps



Flame Gauze - A metal gauze, which is used when carrying flammable liquids. It permits pressure to be expelled, but prevents flashback.

Range

Description	Part No.
Flame Trap - Gauge Ring for Perolo Valve	M9013091
Flame Trap - Gauge Ring for Perolo Valve	M9013091/1
Flame Trap - Gauge Ring for Fort Vale Valve	M82900

Dip Sticks

Dip Stick - A calibrated bar situated in the manhole that is used to measure the amount of liquid in the tank. A measurement is taken off the bar and then cross referenced with the calibration chart.

Range

Description	Part No.	Weight
Straight Type Dip Stick	DS1	0.8Kg
Angle Type Dip Stick	DS2	0.4Kg



Thermometers

Capillary Oil Filled Thermometer

- Strong, stainless steel fully sealed cage
- Tough acrylic glass front face, distinctive and attractive appearance
- Constructed to stringent quality control standard with each unit thoroughly tested
- Easy installation - drilled for pop rivet/screw fixing
- Suitable for new/old tanks



Specification

Dial	100mm
Range	-20°C to 150°C
Accuracy	Full scale of $\pm 2\%$
Capillary	4"
Stem	100mm length x 10mm diameter
Connection	Back mounted 1/2" BSP Thread
Material	Stainless Steel

Range

Part No.	Description
TMC-20150	Capillary Thermometer 4"/1M (-20 - 150°C) c/w Silicon Oil Filled, Stainless Steel

Bi Metal Thermometer

- It has two thin strips of metal with different degrees of heat co-efficient
- The two metal strips are bonded together and form a helix or coil, which is attached to a pointer on a dial
- It easy to read, hermetically sealed (waterproof) and the case & stem are made of 304 Stainless steel.
- It provides fast and accurate temperature readings



Specification

Dial	100mm
Range	0°C to 150°C
Accuracy	Full scale of $\pm 1\%$
Cable Specification	1.5M silicon cable
Connection	1/2" NPT standard for 4" (100mm) dial
Material	Stainless Steel

Range

Part No.	Description
TMB0150	Bi-Metal Thermometer 4" (0 - 150°C) Stainless Steel

**Thermo-weld is also available upon request.*

Thermometers

Digital Thermometer

- Easy to read, large size digital display continuously showing temperature in degree Celsius (also available in degree Fahrenheit)
- Strong, non-metallic fully sealed case
- Tough polycarbonate front face, distinctive & attractive appearance. Optional operator logo & colour
- Constructed to stringent quality control standards with each unit thoroughly tested
- It has an ability to eliminates surface electrochemical corrosion problems



Specification

Dial	100mm
Range	0°C to 150°C
Accuracy	Full scale of $\pm 1\%$
Capillary	1M PVC
Material	Stainless Steel

Range

Part No.	Description
TMD0150	Solar Digital Thermometer, Stainless Steel

Pressure Gauges

Pressure Gauge - A Pressure Gauge is fitted to the airline connection, and can be fitted during filling, discharging or testing. The Pressure Gauge is for mounting in flange gauge connection for pressure readings in tank or above bursting disc when fitted.

Range

Description	Part No.
2½" SS Pressure Gauge 0-7 Bar, ¼" BSP Bottom c/w Glycerine Fill, Full Stainless Steel	PG2507SS
2½" SS Pressure Gauge 0-10 Bar, ¼" BSP Bottom c/w Glycerine Fill, Full Stainless Steel	PG25010SS
2½" SS Pressure Gauge 0-1 Bar, ¼" BSP Bottom c/w Glycerine Fill, Brass Connection	PG2501SSBC
2½" SS Pressure Gauge 0-4 Bar, ¼" BSP Bottom c/w Glycerine Fill, Brass Connection	PG2504SSBC
2½" SS Pressure Gauge 0-7 Bar, ¼" BSP Bottom c/w Glycerine Fill, Brass Connection	PG2507SSBC
2½" SS Pressure Gauge 0-10 Bar, ¼" BSP Bottom c/w Glycerine Fill, Brass Connection	PG25010SSBC
2½" SS Tell-Tail Pressure Gauge 0-7 Bar - Drag Pointer	PG2507SST
2½" SS Tell-Tail Pressure Gauge 0-10 Bar - Drag Pointer	PG25010SST



METAL REPLACEMENT PARTS



Metal Replacement Parts

2.5" Relief Valve

Items	Relief Valve Parts	2.5" Pressure/Vacuum Products	2.5" Pressure Only Products
1a	Plastic Plug	M80978	M80978
1b	Stainless Steel Plug	PLUGSS0004	PLUGSS0004
2	Cap	-	-
3	Setting Locking Grubscrew	M81001	M81001
4	M8 Nut (2)	M82004	-
5	Vacuum Spring Pad	M80005	-
6	6" Hg Vacuum Spring	M84012	-
7	Pressure Plate	M80056	M80058
8	Vacuum Poppet	M80983/3	-

*Other parts' photograph and part nos. which are not listed here are available upon request.



6" Hg Vacuum Spring -
M84012



Pressure Plate - Relief Valve
(M80056)



Vacuum Poppet -
M80983/3

Metal Replacement Parts

1.5" Airline / 2" Butterfly Ball Valve

Items	Airline Valve Parts	1.5" Airline Ball Valve Products	2" Airline Butterfly Valve Products
1	Ø8 Washer	M83005	-
2	Handle	M80025	M80050/2
3	Snap Ring	M80017	M80005
4	Spacer	-	-
5	Gauze Filter	M80010/1	M80010/2
6	Gauze Guard	M80040	-
7	Sintered Filter (2)	-	-
8	Valve Body	-	-
9	PTFE Bearing	-	M80009
10	Stuffing Bush	-	GSS0307
11	Stuffing Clamp	-	M80204
12	Location Pin	-	M80010
13	Location Pin Spring	-	M80012/1
14	¼" BSP Plug	M88005/1	M88005/2
15	Ball	-	-
16	Spindle	M80001	M80203
17	PTFE Washer	GSS3002	-
18	Stuffing Boss (2)	-	-
19	Disc Spring	-	-
20	Operating Lever	-	M89838
21	Split Ring	-	M80011
22	Retaining Washer	-	M80370
23	Spring Washer	-	M83008/1
24	Seal Plate	-	-
25	Closure Plate	-	-

*Other parts' photograph and part nos. which are not listed here are available upon request.

Metal Replacement Parts

1.5" Airline / 2" Butterfly Ball Valve



Retaining Washer
M80370



Split Ring - M80011



Gauze Filter
M80010/1 & M80010/2



Handle Location Pin - M80010

*Other parts' photograph and part nos. which are not listed here are available upon request.

Metal Replacement Parts

3" 30° / 45° Footvalve

Items	Parts	Footvalve	
		3" 30° / 45° New Footvalve (Faster flow speed) Products	3" 30° / 45° Standard Footvalve (Standard flow speed) Products
1	Body	-	-
2	Spring Boss Gasket	M85845	-
3	Spring Assembly	-	-
4	Spring Washer	M83008	-
5	Bush Seal	GSS0064	-
6	Seal Energizer	GSS0063	-
7	Poppet	M80040	M82020
8	Bayonet Cap	-	M80334A
9	PTFE Crankshaft End Bush	-	-
10	Crank Block Assembly	-	M80300
11	Retaining Pin	M80015	-
12	Spindle Bearing	GSS0062	-
13	Spindle	M80200/2	M80010/4
14	Stuffing Clamp	M80016	M81001/C
15	Spring Washer	M83008/2	-
16	Stuffing Seal	GSS0061	-
17	Handle Linkage Assembly	-	-
18	Handle Retaining Washer	-	M80370
19	Handle	-	M85010
20	Standard Cleanflow Handle	-	-
21	Standard Highlift Handle	M85010	-

*Other parts' photograph and part nos. which are not listed here are available upon request.

Metal Replacement Parts

3" 30° / 45° Footvalve



Retaining Pin - M80015



Bayonet Cap -
M9140A02



Bayonet Cap - 3" Highlift
Footvalve - M80334A



Clamp Plate -
M80040/1 & M80045



3" Footvalve Handle - M9852493/1



3" Standard Handle valves - M85010



Crank Block Assembly - Footvalve
M80300



3" Standard Spindle - M80010/5



Stuffing Clamp -
M8100/C



Poppet - 3" Footvalve -
M82020



3" Standard Spindle (old model) - M80010/4



3" Spindle for faster flow valves - M80200/2

*Other parts' photograph and part nos. which are not listed here are available upon request.

Metal Replacement Parts

3" Clamped / Flanged Butterfly Valve

Items	Butterfly Valve Parts	3" Clamped Butterfly Valve Products
1	Washer	M80370/3
2	Split Ring	M80011
3	Operating Lever	M89837
4	Handle	M80050/3
5	Handle Location Spring	M80012/2
6	Handle Location Pin	M80010
7	Plain Washer	M83005
8	Stuffing Clamp	M80040/2
9	PTFE Stuffing Clamp Bush	GSS0301
10	Spindle	M80200/3
11	PTFE Spindle Seat	-
12	Spring Washer	M83003
13	Body	-
14	Bottom Spindle	M80036
15	PTFE Bottom Bush	-
16	Closure Plate	M80400
17	Seal Clamp Plate	M80045
18	Nylon Spacer	GSS1500
*Other parts' photograph and part nos. which are not listed here are available upon request.		

Metal Replacement Parts

3" Clamped / Flanged Butterfly Valve



Closure Plate - M80400



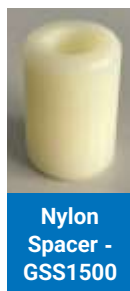
Seal Clamp Plate -
3" Flanged Butterfly Valve
M89148



Split Ring - M80011



Handle Location Pin - M80010



Nylon
Spacer -
GSS1500



Operating Lever - M89837



Spindle - 3" Butterfly Valve - M80200/3

*Other parts' photograph and part nos. which are not listed here are available upon request.

Manlid Components

Range

Part No.	Description
M81534SST	Manlid Cover Lug Bracket, Material: SS
X107	Manlid Cover Locking Bracket, Material: SS
X111	Manlid Cover TIR 'U' Bracket, Material: SS
M81106	Manlid Cover Locking Pin, Material: SS
M81548	Manlid Neckring Swingbolt Bracket, Material: SS (For 16mm Swingbolt Hinge)
M8135B	Manlid Cover Hinge Kit, Material: SS
M81555	Manlid Cover Hinge Bracket, Material: SS (Thickness: 6mm)
M81556/1	Manlid Neck Ring Hinge Bracket, Material: SS (Thickness: 6mm)
M81060/3	Manlid Cover Hinge Pin, Material: SS



M81534SST



X107



M81106



M81548



X111



M81555



M81556/1



M8135B



M81060/3

Swingbolt Assembly & Components

Eyebolt



Eyebolt - Eyebolt with 16mm or 3/4" eye x 3/4" BSW or 19mm x length from centre of eye to end of bolt.

Manufactured in stainless steel.

Fitted with M6/M8 grubscrew.

Range

Part No.	Description
M81260	3/4" BSW Swingbolt, 66mm Long, 16mm Eyebolt
M81081	3/4" BSW Swingbolt, 66mm Long, 19mm Eyebolt
M81342	3/4" BSW Swingbolt, 89mm Long, 16mm Eyebolt
M81060	3/4" BSW Swingbolt, 89mm Long, 19mm Eyebolt

Handnut



Range

Part No.	Description
M81060/2	3/4" BSW Handnut - Naval Brass
M80310	3/4" BSW Handnut - Stainless Steel

Hinge Pin



Range

Part No.	Description
M80913	Swingbolt Hinge Pin, 16mm x 45mm
M80911	Swingbolt Hinge Pin, 19mm x 45mm

OTHER PARTS



Walkway

EXPLORE

COTAC

Cladding &
Insulation



Fusible Link



Placard
Holders



Bolts,
Nuts &
Washers



Hazchem Label



TEST
RIG

BURSTING
DISC



Cladding

Cladding - GRP (FRP) - Glass reinforced plastic (Fibre reinforced polyester) resin sheet with glass fibre used to encase insulation. The cladding jacket is to protect the insulation against rain / sea water.

GRP or Aluminum?

From a cosmetic point plain aluminum looks dreadful, within 6 months it's oxidized and looks dull and distinctly shabby. White aluminum looks better than plain. Plain aluminum corrodes much faster than white aluminum. Small cracks/holes can have drastic consequences: increase in weight, the water will stop keeping it insulated, sagging and possible corrosion - seawater - chlorine = corrosive. Water finding it's way through a split cladding could take 6 months before it comes out of the bottom of the tank. There have been such cases where they thought the tank was leaking.

The salt in seawater initially corrodes in the bottom panels and then the side panels. Corrosion takes place from the inside as well as the outside.



Corrosion will become apparent within 5-7 years. Our preference is GRP finished in white, even though it's generally more expensive than aluminum, but in the long term it becomes cheaper and its benefits become more apparent. With GRP you wouldn't have patching problems, you wouldn't have creases, you wouldn't have dents, you wouldn't have bumps. It looks good as well.

Part No.	Description
MP0061	Cladding Band/Strap 140mm SS
XAC48	Aluminum Cladding 0.8mm x 4' x 8'
XAC48W	Alum. White Coated Cladding 0.8mm x 4' x 8'

Range

Part No.	Description
XCA408R	Alum. White Coated Cladding 0.8mm x 4' - Roll
XFS127250	GRP Cladding 1270mm x 2500mm x 2mm
XFS127800	GRP Cladding 1270mm x 8000mm x 2mm

Rivets



Closed End Blind Rivet



Peel Type Blind Rivet



Grooved Type Blind Rivet



Open End Blind Rivet

Range

Description
All the sizes are available upon request. Kindly quote your required dimension, length & type whenever raise your quotation. For further information, kindly contact our sales team.

Fusible Link



MP0030

Range

Part No.	Description
MP0015	Assembly - Fusible Remote
MP0030	Ext. Spring - Fusible Link Spring SS, 3mm x 32mm x 141mm
MP0044	Fusible Link
*Other sizes & types are available upon request.	

Fusible Link - A fusible link has been designed to melt in the event of a fire, thereby closing the foot valve without any human intervention.

The U.S. DoT proposes to enforce the fitting of this device to all IM portable tanks transporting flammable, pyrophoric, oxidizing or toxic cargoes on a transport vehicle with the power unit attached. The system has to be fitted to all tanks by October 1st 2003.

The kit comprises of 2 brackets, which are welded to the tank, between which a spring and fusible element are fastened. A cable then links the spring to the existing remote closure system. Should a fire melt the fusible element, the spring is allowed to pull the remote closure cable and close the foot valve.



MP0044

Remote Control

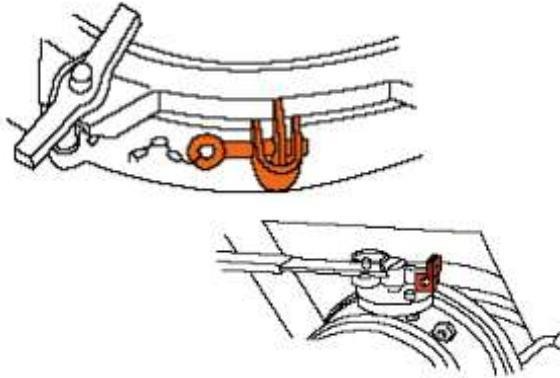


Remote Control - Remote Control on the side of the tank, allows the drive to close off the discharge valve from this safe location.

Range

Part No.	Description
MP0034	Remote Control Spring 1.4 x 14½ x 18 x 117
MP0037	Remote Control Tension Spring Dia. 25 x 164 x 2mm
MP0029	Remote Control Stopper / with Cap Screw M4 x 10mm
MP0033	Remote Control UV Bracket
MP0036	Remote Control Bracket (Z-Type)
MP0038	Remote Control Bracket Spring
MP0032	Remote Control Saddle Bracket
MP0031	Remote Control Spring (Hook) Dia. 20 x 115 x 2mm
MP0040	Remote Control "T" Adaptor
MP0041	Remote Control Cap Adaptor
MP0039	Remote Control Spring (Hook Type) Dia. 20 x 50 x 1mm
MP0128	Remote Control Bracket SS - Washer (Thickness: 11mm)
MP0042	Remote Control Bracket SS - Washer (Thickness: 5.5mm)

TIR Security Seal



TIR Security Seal - Facilities for customs sealing are provided in accordance with the requirements of the Customs Convention on Containers.

Permanent sealing consists of approved rivets, welded bars or bolts. Temporary seals at cargo access points are fitted by customs officers using the approved locking devices.

The permanent sealing method used should be noted before removing or stripping any fittings. The approved permanent welded sealing bars or TIR/wires should always be replaced if damaged or after maintenance is completed.

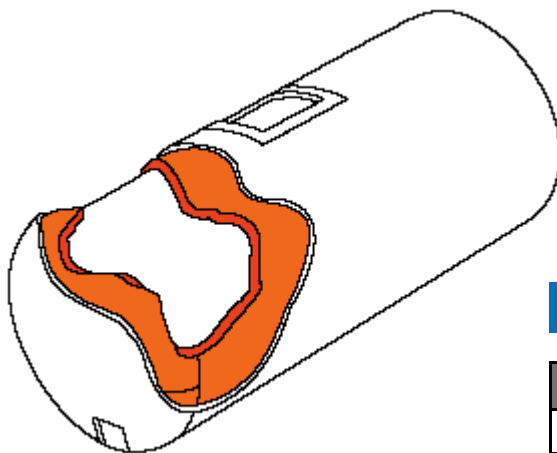
Range

Part No.	Description
SSB10	Bullet Seal
SSP20	Security Seal - Plastic
SSP40	Security Seal - Cable
SSM50	Security Seal - Metal

*Client's logo can be custom-made upon request.



Insulation



Insulation - Standard thickness is 50mm. Examples, polyurethane foam (greenish) or Rockwell, similar to loft insulation or Fiberglass. Rockwell is better for high

temperature products. Foam crumbles away at about 110°C - 115°C. This insulation may degrade at excessive temperature. Before loading check that the loading and operating temperature do not exceed the maximum permissible operating temperature marked on the data plate.

Range

Part No.	Description
XPU422	Polyurethane PU Foam Slab 4' x 2' x 2"
TBA	Glass Wool (All sizes and density available)

Bolts, Nuts & Washers



Range

Part No.	Description
BNW1250W	M12 x 50mm SS Washer
BNW16100	M16 x 100mm SS Bolts, Nuts & Spring Washer
BNW16100B	M16 x 100mm SS Bolts
BNW1640B	M16 x 40mm Bolts
BNW16SW	M16 Spring Washer

Data Plates / Calibration Charts

OWNER / OPERATOR
OWNER'S ADDRESS
OWNER'S SERIAL NUMBER

MANUFACTURER
COUNTRY OF MANUFACTURE
YEAR AND MONTH OF MANUFACTURE
MODEL NUMBER
MANUFACTURER'S SERIAL NUMBER

MAX. GROSS WEIGHT
TARE WEIGHT
MAX. PAYLOAD
TOTAL WATER CAPACITY AT 20°C

DESIGN CODE AND APPLICABLE REGULATIONS
TANK MATERIAL SPECIFICATION
INTERNAL LINING
REFERENCE TEMPERATURE ZONE
DESIGN TEMPERATURE
SHELL THICKNESS
HEAD THICKNESS
US / DOT & IMD EGVV THICKNESS IN MILD STEEL
MIN. FLOW. SHELL THICKNESS IN MILD STEEL
CORROSION ALLOWANCE
MAX. ALLOWABLE WORKING PRESSURE
TEST PRESSURE
ADR CALCULATION PRESSURE
STEAM HEATING BURNER
STEAM HEATING TEST PRESSURE
STEAM CHAMBER MATERIAL SPECIFICATION

ASME SECTION VIII DIVISION 1
TEMP °C °F
PRESS MPa PSI
SHELL THICKNESS mm in
HEAD THICKNESS mm in
US / DOT & IMD EGVV THICKNESS IN MILD STEEL mm in
MIN. FLOW. SHELL THICKNESS IN MILD STEEL mm in
CORROSION ALLOWANCE mm in
MAX. ALLOWABLE WORKING PRESSURE bar MPa PSI
TEST PRESSURE bar MPa PSI
ADR CALCULATION PRESSURE bar MPa PSI
STEAM HEATING BURNER bar MPa PSI
STEAM HEATING TEST PRESSURE bar MPa PSI
STEAM CHAMBER MATERIAL SPECIFICATION

COUNTRY OF APPROVAL AND AGENCY
CLASSIFICATION FILE REFERENCE
INSPECTION FILE REFERENCE
US - DOT APPROVAL AGENCY
US - DOT APPROVAL NUMBER
US - DOT SPECIFICATION NUMBER
IMD TYPE
UK - DOT APPROVAL NUMBER
RD / ADR APPROVAL NUMBER
MPM APPROVAL NUMBER
USC APPROVAL NUMBER
TRANSPORT CANADA
OTHER APPROVALS

TO IMPACT APPROVED

DATE OF INITIAL HYDRAULIC TEST AND AUTHORITY
DATE OF 2.5 YEARS PERIODICAL INSPECTION AND AUTHORITY
DATE OF 5 YEARS PERIODICAL HYDRAULIC TEST AND AUTHORITY

CSC SAFETY APPROVAL
COUNTRY OF APPROVAL AND APPROVAL REFERENCE
DATE MANUFACTURED
IDENTIFICATION NUMBER
MAXIMUM GROSS WEIGHT
ALLOWABLE STACKING WEIGHT FOR 1.8S
RACKING TEST LOAD VALUE
DATES OF EXAMINATIONS

APPROVED FOR TRANSPORT UNDER CUSTOMS SEAL
TYPE : _____ MANUFACTURER'S NO. OF THE CONTAINER : _____

Data Plates



Calibration Charts

Date Plates - The tanks passport. A plate that identifies the owner/manager of the tank, the unique serial number, the data of manufacture, as well as indicating significant data and recording the test period validity.

Range

Part No.	Description
DP2	Consolidated Data Plate SS (Without Data)
DP4	CSC Data Plate SS
DP6	Approved for Transportation Data Plate SS
DP8	Aluminum Plate, 800mm x 600mm (For Hazchem sign)
DC21000	Calibration Chart : 21000 LT - SS
DC23000	Calibration Chart : 23000 LT - SS
DC24000	Calibration Chart : 24000 LT - SS
DC25000	Calibration Chart : 25000 LT - SS
DC26000	Calibration Chart : 26000 LT - SS
SVS2	Service - Engraving on Data Plate

IMDG Labels

IMDG Labels - These identify the product inside the tank. They have to be precise and must conform to all the relevant regulations, wherever the tank travels.

Note : All odd labels must be removed prior to loading to save confusion / potential accidents happening.



Range

Part No.	Description
SK5148	IMDG Class 1 - Explosives
SK0126	IMDG Class 2 - Flammable Gas
SK5128	IMDG Class 3 - Flammable Liquid
SK0120	IMDG Class 4 - Flammable Solids or Substances
SK5129	IMDG Class 5.1 - Oxidizing Agent
SK0131	IMDG Class 6 - Toxic
SK5149	IMDG Class 7 - Radioactive Substances
SK0132	IMDG Class 8 - Corrosive
SK5032	IMDG Class 9 - Miscellaneous Dangerous Substances
SK5331	IMDG - Marine Pollutant (Square)
SK5425	Decal: GHS Carcinogen symbol - Pictogram
SK5445	Decal: GHS Pictogram label - Exclamation Point
SK5267	Decal: IMDG: Class 3 Flammable, UN no. (Blank)
(Customise Label)	Decal: IMDG: Class X with UN no.
(Customise Label)	Decal: Calibration Chart Data

*Other classes of IMDG label are available upon request.



Decals – Tank Labeling

Range

Part No.	Description
SK0001	Decal : 2" Single Digit - "1"
SK0002	Decal : 2" Single Digit - "2"
SK0003	Decal : 2" Single Digit - "3"
SK0004	Decal : 2" Single Digit - "4"
SK0005	Decal : 2" Single Digit - "5"
SK0006	Decal : 2" Single Digit - "6"
SK0007	Decal : 2" Single Digit - "7"
SK0008	Decal : 2" Single Digit - "8"
SK1843	Decal : 2" Single Digit - "9"
SK0009	Decal : 2" Single Digit - "0"
SK0010	Decal : 4" Single Digit - "1"
SK0011	Decal : 4" Single Digit - "2"
SK0012	Decal : 4" Single Digit - "3"
SK0013	Decal : 4" Single Digit - "4"
SK0014	Decal : 4" Single Digit - "5"
SK0015	Decal : 4" Single Digit - "6"
SK0016	Decal : 4" Single Digit - "7"
SK0017	Decal : 4" Single Digit - "8"
SK0028	Decal : 4" Single Digit - "9"
SK0018	Decal : 4" Single Digit - "0"
SK0019	Decal : 4" Single Check Digit - "1"
SK0020	Decal : 4" Single Check Digit - "2"
SK0021	Decal : 4" Single Check Digit - "3"
SK0022	Decal : 4" Single Check Digit - "4"
SK0023	Decal : 4" Single Check Digit - "5"
SK0024	Decal : 4" Single Check Digit - "6"
SK0025	Decal : 4" Single Check Digit - "7"
SK0900	Decal : 4" Single Check Digit - "8"
SK0700	Decal : 4" Single Check Digit - "9"
SK0027	Decal : 4" Single Check Digit - "0"
SK5882	Decal: 4" Check Digit (Blank), Printed Black on White
SK1700	Decal : 4" Single Alphabet - "A"

Part No.	Description
SK1701	Decal : 4" Single Alphabet - "B"
SK1702	Decal : 4" Single Alphabet - "C"
SK1703	Decal : 4" Single Alphabet - "D"
SK1704	Decal : 4" Single Alphabet - "E"
SK1705	Decal : 4" Single Alphabet - "F"
SK1706	Decal : 4" Single Alphabet - "G"
SK1707	Decal : 4" Single Alphabet - "H"
SK1708	Decal : 4" Single Alphabet - "I"
SK1709	Decal : 4" Single Alphabet - "J"
SK1710	Decal : 4" Single Alphabet - "K"
SK1711	Decal : 4" Single Alphabet - "L"
SK1712	Decal : 4" Single Alphabet - "M"
SK1713	Decal : 4" Single Alphabet - "N"
SK1714	Decal : 4" Single Alphabet - "O"
SK1715	Decal : 4" Single Alphabet - "P"
SK1716	Decal : 4" Single Alphabet - "Q"
SK1717	Decal : 4" Single Alphabet - "R"
SK1718	Decal : 4" Single Alphabet - "S"
SK1719	Decal : 4" Single Alphabet - "T"
SK1720	Decal : 4" Single Alphabet - "U"
SK1721	Decal : 4" Single Alphabet - "V"
SK1722	Decal : 4" Single Alphabet - "W"
SK1723	Decal : 4" Single Alphabet - "X"
SK1724	Decal : 4" Single Alphabet - "Y"
SK1725	Decal : 4" Single Alphabet - "Z"
SK0058	Decal : 2" - "IMO 1"
SK0059	Decal : 2" - "IM 101"
SK5165	Decal : 2" - "IMO 2"
SK5166	Decal : 2" - "IM 102"
SK0062	Decal : 2" - "TC IMPACT APPROVED"
SK0063	Decal : 2" - "AAR 600"
SK0064	Decal : 2" - "RID/ADR"
SK0067	Decal : 2" - "MAX GROSS"

To be continued ...

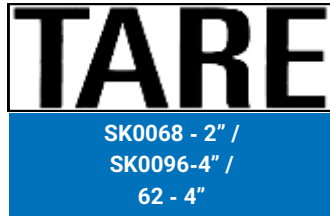
Decals – Tank Labeling

Range

Part No.	Description
SK0068	Decal : 2" - "TARE"
SK0069	Decal : 2" - "CAPACITY"
SK0152	Decal : 2" - "UNDER NITROGEN"
SK0404	Decal : 2" - "STEAM IN"
SK0405	Decal : 2" - "STEAM OUT"
SK0085	Decal : 4" - "AAR 600"
SK0086	Decal : 4" - "RID/ADR"
SK0087	Decal : 4" - "2276"
SK0159	Decal : 4" - "CAPACITY"
SK0161	Decal : 4" - "MGW"
SK0162	Decal : 4" - "TARE"
SK0165	Decal : 4" - "20T6"
SK0169	Decal : 4" - "FRONT"
SK0170	Decal : 4" - "REAR"
SK0171	Decal : 4" - "17000L"
SK0172	Decal : 4" - "20000L"
SK0173	Decal : 4" - "21000L"
SK0174	Decal : 4" - "23000L"
SK0175	Decal : 4" - "24000L"
SK0202	Decal : 4" - "22T6"
SK0203	Decal : 4" - "22T5"
SK5196	Decal : "UIC 60"
SK0177	Decal : "UIC 70"
SK0182	Decal : "UIC 80"
SK0178	Decal : "UIC 87"
SK5145	Decal : "UIC" (Blank)
SK0179	Decal : No Footwear Sign - Dia 6" (153mm)
SK0180	Decal : No Footwear Sign - Dia 12" (300mm)
SK0181	Decal : Earth Point Label - 85mm x 85mm
SK0185	Decal : "MAWP 1.74 BAR"
SK0186	Decal : "MAWP 4 BAR"
SK0188	Height Decal
SK0190	Decal : Overhead Warning Sign - Triangle

Part No.	Description
SK0193	Decal : No Forklift Sign - Dia 6" (153mm)
SK0194	Decal : No Forklift Sign - Dia 12" (300mm)
SK0129	Hazchem Label : 600mm x 800mm Black on Orange (With Data)
SK5087	Hazchem Label Without Data : 600mm x 800mm
SK0153	Weight Decal (MGW, TARE & PAY LOAD)
SK0157	Weight Decal (MGW & TARE Only)
SK0370	Decal : Food Stuff Only
SK0110	Decal : Specialist Advice - 365mm x 175mm
SK0224	Decal : Hazchem Specialist Advice (Data provided by client)
SK0105	Decal : Emergency Dial - 396mm x 157mm
SK0141	Prefix & Serial Number
SK5715	Prefix (Blank)
SK5053	Decal : 2" - "STEAM IN"
SK5054	Decal : 2" - "STEAM OUT"
SK5188	Decal : "Emergency - Pull Cable To Close Bottom Outlet" (Rectangular)
SK5189	Decal : "Overhead Label Downward Lighting Arrow" (Rectangular)
*Other decals not listed above can be supplied upon request.	

Decals — Tank Labeling



Decals – Tank Labeling



SK0179 - Dia 6" /
SK0180 - Dia 12"



SK0181



SK0188



SK0193 / SK0194



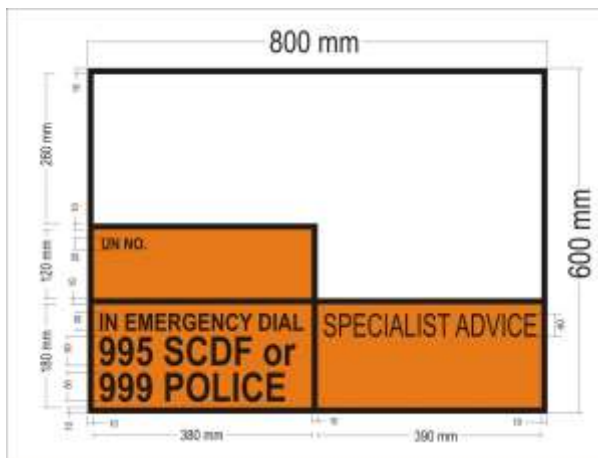
SK5188



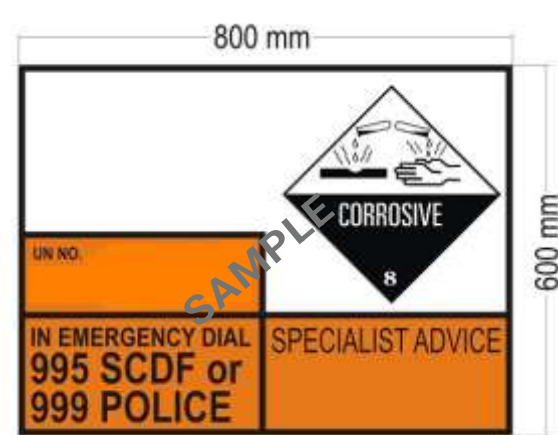
SK0402



SK0153



SK5087



SK0129



SK0110



SK0224

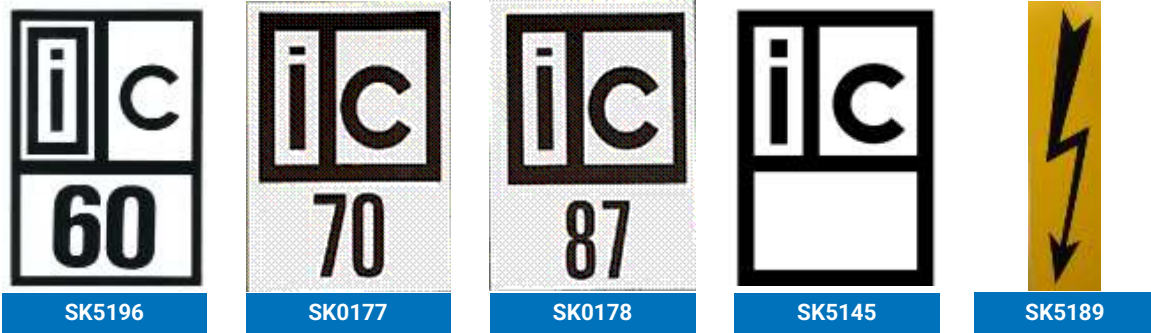


SK0105

Decals – Tank Labeling

0 SK0009	1 SK0001	2 SK0002	3 SK0003	4 SK0004	5 SK0005	6 SK0006	7 SK0007
8 SK0008	9 SK0028	0 SK0027	1 SK0019	2 SK0020	3 SK0021	4 SK0022	5 SK0023
6 SK0024	7 SK0025	8 SK0026	9 SK0900	 SK5882	A SK1700	B SK1701	C SK1702
D SK1703	E SK1704	F SK1705	G SK1706	H SK1707	I SK1708	J SK1709	K SK1710
L SK1711	M SK1712	N SK1713	O SK1714	P SK1715	Q SK1716	R SK1717	S SK1718
T SK1719	U SK1720	V SK1721	W SK17221	X SK1723	Y SK1724	Z SK1725	

Decals — Tank Labeling



Corporate Decals

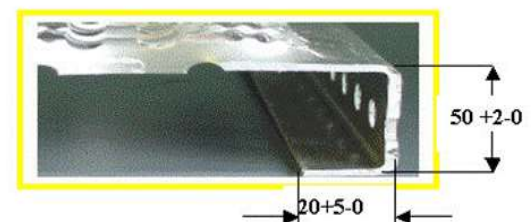
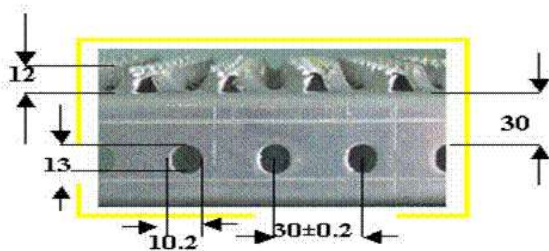
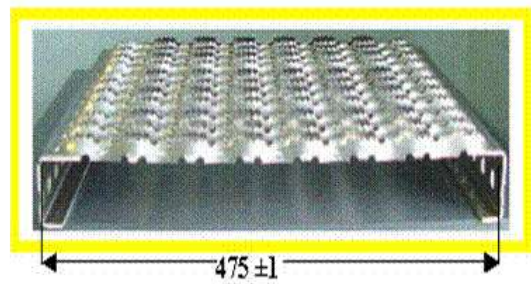
Walkways



Walkways - All walkways are manufactured from 3mm high-grade aluminum. Our walkways are Lloyds tested and approved for deflection characteristics.

A ladder and anti-slip walkway are provided for easy and safe access to top fittings and top corner castings. To reduce the overall weight of the tank, walkways do not run the whole length of the tank, as it is only necessary to reach the components.

Care should be taken not to walk directly on the tank, as this could be very dangerous, plus it avoids damage to the cladding and insulation.



Range

Part No.	Dimension	Material	Weight
WW40040	400mm x 40mm x 5.79M	Aluminum	23Kg
WW400	400mm x 50mm x 5.79M	Aluminum	24Kg
WW475	475mm x 50mm x 5.79M	Aluminum	25Kg
WW47540	475mm x 40mm x 5.79M	Aluminum	24Kg

*Walkway bracket is available upon request.

**Walkway length can be sewed to customers' requested length at a service charge upon request.

Bursting Disc / Rupture Disc



Bursting Disc - A thin membrane made of a suitable material such as SS or Teflon (PTFE) which has a known tolerance to pressure. It has two functions one to protect the valve from corrosion & secondly a pressure relief device which breaks when the pressure exceeds the pressure set. The bursting disc is set between the MAWP and the test pressure.

It is used for emergency relief or used as a hermetic seal for relief valves to prevent the release of toxic or especially hazardous vapors.

Specification

Sizes	65mm and 80mm
Operating Conditions	Pressure: Up to 80% of rated burst pressure; full vacuum
Standard Burst Pressure	3.67, 4.10 or 4.84 Bar at 20°C; other pressures available
Material	Nickel disc standard, with 316SS inlet/outlet rings; other materials available
Seat Type	Flat seat
Holders	Designed to mount directly to tank flanges



Range

Part No.	Dimension
BD6548420	65mm Bursting Disc - 4.84 Bar @ 20°C
BD2511072	65mm Bursting Disc - 110 PSIG @ 72°F
BD8048420	80mm Bursting Disc - 4.84 Bar @ 20°C
BD811072	80mm Bursting Disc - 110 PSIG @ 72°F
*Others sizes / pressure are available upon request.	

Test Rig



Pressure Vacuum Valve Test Kit

Range

Part No.	Dimension
TR33	PV Valve Test Kit complete with 2pcs of PV Valve Mounting Adaptor
TR20	PV Valve Hydraulic Calibration Jack - SS
TR21	PV Valve Support Plate
TR22	PV Valve Vacuum Plate Opener (Small Dia) - SS
TR23	PV Valve Vacuum Plate Opener (Big Dia) - SS
TR24	PV Valve Vacuum Opener: Slot Pin - SS
TR25	PV Valve Pressed Cap Opener: 3 Pins - SS (Perolo Old Version Valve)
TR26	PV Valve Pressed Cap Opener: Hexagon Type - SS for "Twinact"
TR27	PV Valve Pressed Cap Opener: 2 Pins for "Maxi High Flow" - SS
TR28	1½" Tank Airline Valve Test Rig
TR29	2" Tank Airline Valve Test Rig
TR30	¾" Steam Tube Test Rig
TR31	1" Steam Tube Test Rig
TR32	C-Spanner for Pressure Vacuum Relief Valve
TR34	PV Valve Testing Seat
TR35	PV Valve Pressed Cap Opener: 2 Pins (Big) for Perolo Valve

Pressure / Vacuum Test Rig - is used for the testing of any pressure or vacuum relief valve. Connection is by a 2½" BSP socket mounted on top of the rig with adaptors available upon request. The rig comprises of a digital pressure and vacuum gauge and two control valves.

The testing range of the rig is -10 to 100 PSI (-0.7 to 6.9 Bar).

Supply connection to the test rig is via a ¼" BSP female socket on the back of the rig.



PV Valve Hydraulic Jack



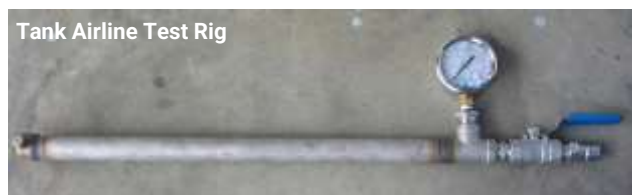
C-Spanner



Cap Opener



Plate Opener



Tank Airline Test Rig

CAMLOCK COUPLINGS

Features & Specifications

- ◆ Wide range of safety & special features, such as arms
- ◆ Easy to handle & no need any hand tools
- ◆ Instant connection & disconnection
- ◆ Fitting with hose shanks are designed for optimum retention, provided the clamps are installed properly

Standard Sizes

- ◆ The size for couplers & adaptors correspond to the normal of hose or pipe to which will be connected
- ◆ BSP Thread (as standard), NPT Thread is available too
- ◆ Sizes are ranged from 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3" and 4"



Quality Control

- ◆ CREST-TITE Camlock Couplings have undergone stringent Control Inspection to comply with MIL Specification 27478
- ◆ CREST-TITE Camlock Couplings are fully interchangeable similar types of coupling manufactured to the above specification

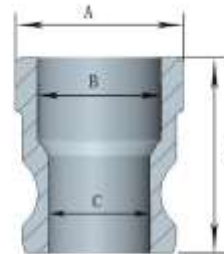
Specification

- ◆ Body Material : Stainless Steel 316
- ◆ Pins : Stainless Steel 316
- ◆ Handles : Stainless Steel 316
- ◆ Seal : Burn N as standard
- ◆ Captivating rings: Cadmium plated spring steel
- ◆ Thread : BSP as standard



Camlock Couplings

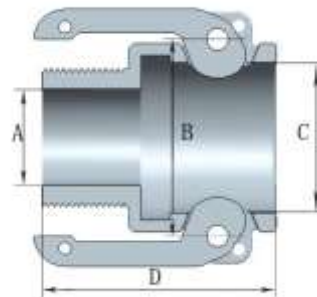
Type A : Male Camlock / Female BSP



Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CA075SS	CA100SS	CA125SS	CA150SS	CA200SS	CA250SS	CA300SS	CA400SS
Part No.-EU	20-AF	25-AF	32-AF	40-AF	50-AF	65-AF	80-AF	100-AF
A	32.4	37.0	45.8	53.7	65.0	79.2	95.5	120.0
B	23.2	29.3	38.0	43.8	56.6	71.2	83.3	108.0
C	21.5	24.2	28.2	36.5	48.3	56.6	75.5	98.2
D	38.9	46.8	53.1	54.7	59.0	75.2	70.0	71.8

Type B : Female Camlock / Male BSP

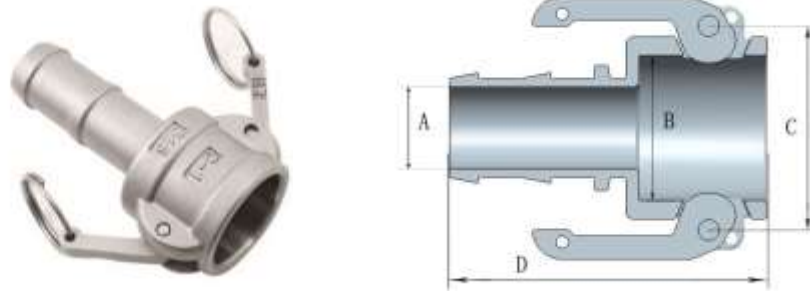


Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CB075SS	CB100SS	CB125SS	CB150SS	CB200SS	CB250SS	CB300SS	CB400SS
Part No.-EU	20-BF	25-BF	32-BF	40-BF	50-BF	65-BF	80-BF	100-BF
A	18.0	24.0	32.0	38.0	48.0	60.0	78.0	100.0
B	41.2	48.4	57.2	64.8	74.2	87.3	106.2	134.3
C	32.4	37.3	46.0	54.0	63.8	76.5	92.5	120.3
D	47.0	58.0	67.0	69.0	79.5	86.5	94.5	100.5

Camlock Couplings

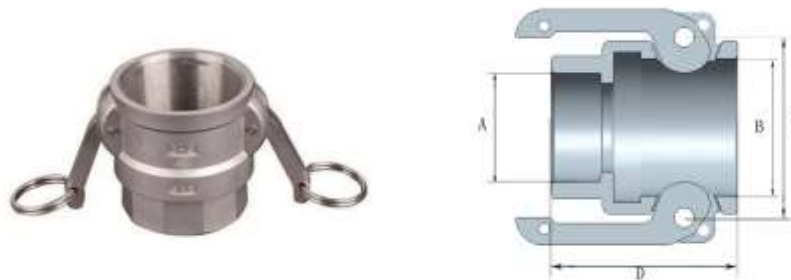
Type C : Female Camlock / Male Hosebarb



Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CC075SS	CC100SS	CC125SS	CC150SS	CC200SS	CC250SS	CC300SS	CC400SS
Part No.-EU	20-CC	25-CC	32-CC	40-CC	50-CC	65-CC	80-CC	100-CC
A	15.0	21.0	28.0	33.5	45.5	58.5	70.5	94.0
B	41.2	48.4	57.2	64.8	74.2	87.3	106.2	134.3
C	32.4	37.3	46.0	54.0	63.8	76.5	92.5	120.3
D	76.0	82.0	88.0	90.0	103.0	119.5	125.0	169.5

Type D : Female Camlock / Female BSP

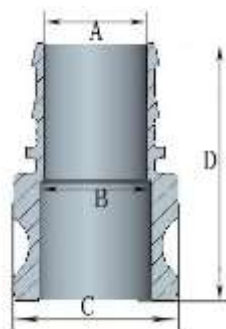


Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CD075SS	CD100SS	CD125SS	CD150SS	CD200SS	CD250SS	CD300SS	CD400SS
Part No.-EU	20-DF	25-DF	32-DF	40-DF	50-DF	65-DF	80-DF	100-DF
A	23.2	29.2	38.0	43.8	55.0	71.2	82.5	108.0
B	41.2	48.4	57.2	64.8	74.2	87.3	106.2	134.3
C	32.4	37.3	46.0	54.0	63.8	76.5	92.5	120.3
D	43.0	50.5	56.5	62.5	70.5	75.0	81.0	83.0

Camlock Couplings

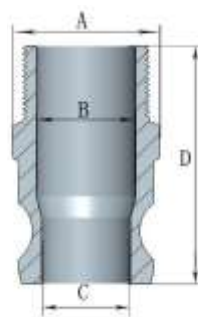
Type E : Male Camlock / Male Hosebarb



Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CE075SS	CE100SS	CE125SS	CE150SS	CE200SS	CE250SS	CE300SS	CE400SS
Part No.-EU	20-EC	25-EC	32-EC	40-EC	50-EC	65-EC	80-EC	100-EC
A	15.0	21.0	28.0	33.5	46.5	56.6	66.5	94.0
B	32.1	36.7	45.5	53.4	63.0	75.8	91.5	119.5
C	21.5	24.2	30.0	36.5	48.3	56.6	75.5	98.2
D	67.4	75.3	81.6	83.2	127.0	112.2	154.5	148.3

Type F : Male Camlock / Male BSP

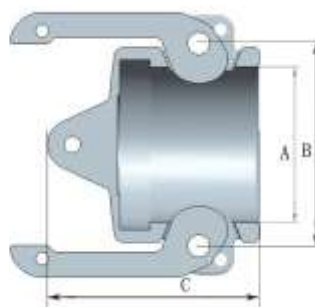


Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CF075SS	CF100SS	CF125SS	CF150SS	CF200SS	CF250SS	CF300SS	CF400SS
Part No.-EU	20-FF	25-FF	32-FF	40-FF	50-FF	65-FF	80-FF	100-FF
A	21.5	27.3	35.0	40.8	51.5	67.2	80.0	103.0
B	32.4	37.0	45.8	53.7	64	79.2	95.5	120.0
C	21.5	24.2	28.2	36.5	48.3	56.6	75.5	98.2
D	51.9	64.8	77.1	78.7	80.5	99.2	95.0	113.8

Camlock Couplings

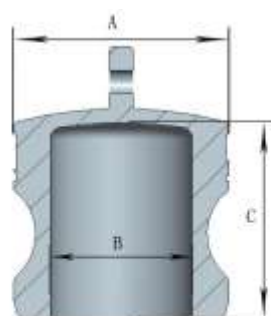
Type DC : Dust Cap



Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CDC075SS	CDC100SS	CDC125SS	CDC150SS	CDC200SS	CDC250SS	CDC300SS	CDC400SS
Part No.-EU	20-DC	25-DC	32-DC	40-DC	50-DC	65-DC	80-DC	100-DC
A	41.2	48.4	57.2	64.8	74.2	87.3	106.2	134.3
B	32.4	37.3	46.0	54.0	63.8	76.5	92.5	120.3
C	45.0	51.0	57.0	59.0	65.0	68.5	72.8	74.5

Type DP : Dust Plug



Stainless Steel 316

Dimensions	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
In Millimeters	20	25	32	40	50	65	80	100
Part No.-cotac	CDP075SS	CDP100SS	CDP125SS	CDP150SS	CDP200SS	CDP250SS	CDP300SS	CDP400SS
Part No.-EU	20-DP	25-DP	32-DP	40-DP	50-DP	65-DP	80-DP	100-DP
A	32.1	36.7	45.5	53.4	63.0	75.8	91.5	119.5
B	24.5	32.5	38.5	40.0	41.8	46.5	43.2	48.5
C	21.5	24.2	28.2	36.5	48.3	56.6	75.5	98.2

Fluid Sealing Capabilities

Are you aware that cotac is an OEM for Gaskets and Teflon Seals since 2003?

Yes, we have upgraded to manufacturer status of a complete line of services for Fluid Sealing and Fluid Control, serving the Marine and Petro-Chemical industries and Chemical sectors.

We have heavily invested in CNC machines and technical personnel specializing in gaskets and seals manufacturing. This means you can obtain customized sealing sizes and preferred material to suit your sealing needs.



Range of Services

Teflon Seals	Cut gaskets, envelope gaskets, tank lid gaskets, shaft and cylinder seals, precision turned valve seals, "O" rings, etc.
Packing	Non-asbestos packing, cut gaskets, spiral wound gaskets, braided packing, tank lid, packing, etc.

No job is too small for us !!



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