

## Dust Cap for Tank Unit (Adapter)

To increase the lifespan of DDC tank units, dust caps should be used. They protect the couplings against the ingress of dirt and water.

Materials: polyethylene, aluminum, stainless steel or rubber.  
Supplied with cable attachment and eyelets (rubber design DN 40 - 50 with integrated eyelet).

With the exception of the simple rubber type, the caps feature a safeguard against inadvertent release: before removing the cap, a spring-loaded locking pin is pulled.

Polyethylene composite caps in sizes DN 40-80 mm include a patented design with lip seal to facilitate the handling.

PE-Composite  
Patent No. 000840780-0001



Aluminium

Stainless Steel



Rubber



Inch/DN	Material <sup>1)</sup>	Seal <sup>2)</sup>	Weight ≈		Mann Tek Code No.
			kg	lbs	
¾"-1" Ø 56 mm, DN 20-25	PE	Standard: FPM (Viton®)	0,1	0.29	C100A2201
	Al		0,2	0.49	C100A1101
	SS		0,6	1.30	C100A4401
1½"-2" Ø 70 mm, DN 40-50	PE	NBR	0,1	0.2	C200E2202
	Al	Standard: FPM (Viton®)	0,3	0.7	C200A1101
	SS		0,6	1.3	C200C4401
	Rubber		0,1	0.3	C200D1300
2½" Ø 105 mm, DN 65	PE	NBR	0,2	0.4	C300E2202
	Al	Standard: FPM (Viton®)			C300A1101
	SS		1,5	3,3	C300C4401
3" Ø 119 mm, DN 80	PE	NBR	0,2	0.5	C400E2202
	Al	Standard: FPM (Viton®)			C400A1101
	SS				C400C4401
	Rubber	—			C400D1300
4" Ø 164 mm, DN 100	PE	Standard: FPM (Viton®)	0,2	0.5	C500E2202
	Al		1,2	2,5	C500B1101
	SS		2,5	5,5	C500C4401
6" Ø 238 mm, DN 150	PE	Standard: FPM (Viton®)			C600A2201
	Al		1,6	3,4	C600A1101
	SS				C600A4401
8" Ø 272 mm, DN 200	Al	Standard: FPM (Viton®)			C800B1101
	SS				C800B4401



Rubber

<sup>1)</sup> Material: PE = Polyethylen-Composite, Al = Aluminium, SS = Stainless Steel, Rubber = NBR/PVC

<sup>2)</sup> Standard seal FPM/FKM or NBR. Alternative materials, e. g. EPDM, Chemraz®, Kalrez® or HNBR on request

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## Pressure Cap for Tank Unit (Adapter)

used as third closing device according to ADR/RID, par. 6.8.2.2.2

Mann Tek pressure caps have been developed to increase the safety of the operating personnel and improve leak protection.

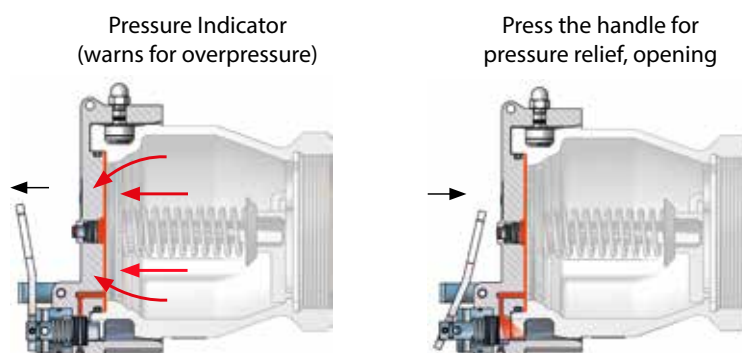
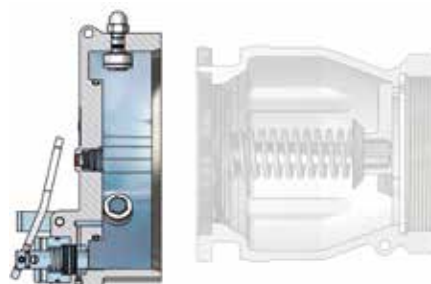
In case of an upstream leakage (male coupling untight) or extensive pressure buildup within the tank outlet due to expanding gas, the cap will indicate it. The operator relieves the pressure by pressing the lever and can then safely remove the cap.

### Features

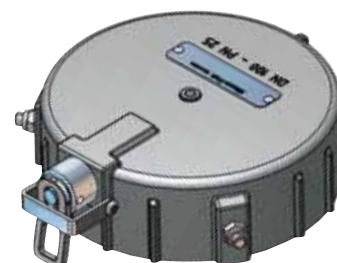
- Corresponds to ADR/RID regulations
- Third closing device' for road and rail tankers, containers
- Working pressure up to 25 bar
- Excess pressure indicator
- Safe relief for pressure and vacuum
- Customs /tamper sealing possible (holes for sealing wire)
- Automatic locking
- Anti-theft protection: locking with standard padlock possible



### How It Works :



Inch / DN	Material of Body <sup>1)</sup>	Seal <sup>2)</sup>	Working Pressure	Mann Tek Code No.
1½ - 2" Ø 70 mm, DN 40-50	SS	Standard: FPM (Viton®)  Other on request.	25 bar / 363 psi	R200A4401
2½" Ø 105 mm, DN 65	SS		25 bar / 363 psi	R300A4401
3" Ø 119 mm, DN 80	SS		25 bar / 363 psi	R400A4401
4" Ø 164 mm, DN 100	Al		10 bar / 145 psi	R500B1101
	SS		25 bar / 363 psi	R500B4401



<sup>1)</sup> Material: Al = Aluminium, SS = Stainless Steel

<sup>2)</sup> Standard seal FPM/FKM or NBR. Alternative materials, e. g. EPDM, Chemraz® or Kalrez® on request

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## Sealing Cap for Tank Unit (Adapter) – 10 bar / 150psi

Suitable if a pressure tightness up to 10 bar - but no pressure relief - is required.  
Supplied with cable and mounting eyelets.

Inch / DN	Material of Body <sup>1)</sup>	Seal <sup>2)</sup>	Weight ≈		Mann Tek Code No.
			kg	lbs	
¾"-1" Ø 56 mm, DN 20-25	SS	Standard: FPM (Viton®)  Other on request.	0,6	1,30	C100P4401
	Al		0,3	0,7	C200P1101
1½"-2" Ø 70 mm, DN 40-50	SS		0,4	0,9	C200P4401
	Al		1,5	1,1	C300P4401
2½" Ø 105 mm, DN 65	SS		0,6	1,3	C400H1101
	Al		1,3	2,9	C400P4401
3" Ø 119 mm, DN 80	SS		2,9	6,4	C500P4401
	Al				
4" Ø 164 mm, DN 100	SS				
	Al				

<sup>1)</sup> Material: Al = Aluminium, SS = Stainless Steel

<sup>2)</sup> Standard seal FPM/FKM or NBR. Alternative materials, e.g. EPDM, Chemraz® or Kalrez® on request



## Dust plug for Hose Unit (Coupler)

To increase the lifespan of couplers, dust plugs should be used. They protect the couplings against the ingress of dirt and water. Materials: polyethylene, aluminum, stainless steel. Supplied with cable attachment and eyelets.

Inch / DN	Material of Body <sup>1)</sup>	Seal <sup>2)</sup>	Weight ≈		Mann Tek Code No.
			kg	lbs	
¾"-1" Ø 56 mm, DN 20-25	PE	Standard: FPM (Viton®)  Other on request.	0,1	0,1	P100A2201
	Al		0,1	0,3	P100A1101
	SS		0,3	0,7	P100A4401
1½"-2" Ø 70 mm, DN 40-50	PE		0,1	0,2	P200A2201
	Al		0,2	0,5	P200A1101
	SS		0,2	0,6	P200A4401
2½" Ø 105 mm, DN 65	PE		0,2	0,5	P300A2201
	Al		0,6	1,2	P300A1101
	SS				P300A4401
3" Ø 119 mm, DN 80	PE		0,1	0,2	P400A2201
	Al	0,7	1,6	P400A1101	
	SS	0,6	1,3	P400A4401	
4" Ø 164 mm, DN 100	PE	0,2	0,4	P500B2201	
	Al	0,3	0,7	P500B1101	
	SS			P500A4401	
6" Ø 238 mm, DN 150	PE			P600A2201	
	Al	1,2	0,4	P600A1101	
	SS			P600A4401	
8" Ø 272 mm, DN 200	Al	1,2	0,4	P800A1101	
	SS			P800A4401	

<sup>1)</sup> Material: PE=Polyethylene Composite, Al = Aluminium, SS = Stainless Steel

<sup>2)</sup> Standard seal FPM/FKM or NBR. Alternative materials, e.g. EPDM, Chemraz®, Kalrez® or HNBR on request

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