

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



| Inch/DN | Material ¹⁾ | Seal ²⁾ | 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 |



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

²⁾ 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.

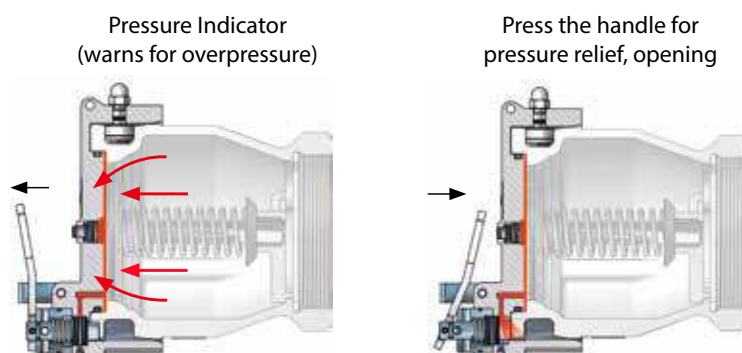
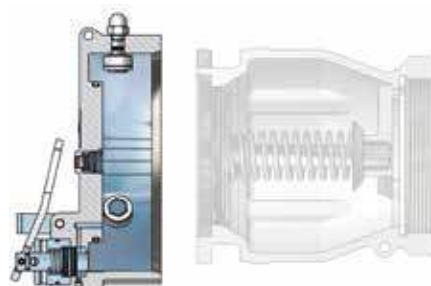
In case of an upstream leakage (male coupling untight) or extensive pressure buildup within the tank outlet due to expanding gas, the cap will indicate it. The operator relieves the pressure by pressing the lever and can then safely remove the cap.

Features

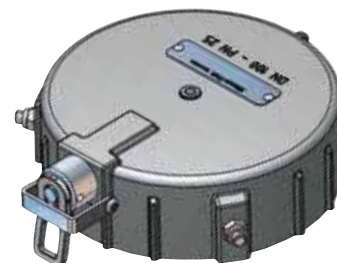
- Corresponds to ADR/RID regulations
- Third closing device' for road and rail tankers, containers
- Working pressure up to 25 bar
- Excess pressure indicator
- Safe relief for pressure and vacuum
- Customs /tamper sealing possible (holes for sealing wire)
- Automatic locking
- Anti-theft protection: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



How It Works :



| Inch / DN | Material of Body ¹⁾ | Seal ²⁾ | 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 |



¹⁾ Material: Al = Aluminium, SS = Stainless Steel

²⁾ 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 ¹⁾ | Seal ²⁾ | 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 | | | | |

¹⁾ Material: Al = Aluminium, SS = Stainless Steel

²⁾ 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 ¹⁾ | Seal ²⁾ | 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 | |

¹⁾ Material: PE=Polyethylene Composite, Al = Aluminium, SS = Stainless Steel

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

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