

SECTION 2 - SYSTEM COMPONENTS

25 mm (1 in.) and 50 mm (2 in.) Flexible Discharge Hose

SAPPHIRE container installations may be connected to the system by means of a flexible discharge hose. This enables containers to be disconnected for maintenance or recharge without dismantling other container mountings, manifold connections and pipework, etc. The flexible discharge hose is provided with a swivel fitting at the inlet.



Figure 14 - Flexible Discharge Hose

25 mm (1 in) Hose Part No. 570539
50 mm (2 in.) Hose Part No. 570538

Technical Information

50 mm (2 in.) Hose

Hose Construction: Twin steel wire braided oil resistant seamless synthetic rubber core to DIN EN 853 2SN
Connection: Zinc Passivated Mild Steel
50 mm (2 in. NPT) Straight Fixed Male
50 mm (2 in. BSPP) 90° Female Swivel Union
Max. Bend Angle: 15° @ 0 °C (32 °F)
Max. Working Pressure: 50 mm (2 in.) 88 bar (1160 psi)
Overall Size: 50 mm(2in) 520 mm (L) x 125 mm (W)
(20.47 in.(L) x 4.92 in. (W)
Weight: 50 mm (2 in) 3.90 kg (8.60 lbs)
Equivalent Length: 50 mm (" in.) 5.36 m (17.6 ft)

Technical Information

25 mm (1") Hose

Hose Construction: Twin steel wire braided oil resistant seamless synthetic rubber core to DIN EN 853 1SN
Connection: Zinc Passivated Mild Steel
25 mm (1" NPT) Straight Fixed Male
25 mm (1" BSPP) 90° Female Swivel Union
Max. Bend Angle: 15° @ 0 °C (32 °F)
Max. Working Pressure: 88 bar (1276 psi)
Overall Size: 405mm (L) x 92mm (W)
(15.95" (L) x 3.62" (W))
Weight: 1.25 kg (2.76 lbs)
Equivalent Length: 3.14 m (10.3 ft)