

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)