

Butyl-lined Smooth Bore Petrochemical Suction & Discharge Hose

Type 383B



Application	Lightweight, flexible hoses offering easy handling. Generally used at dockside and jetty locations where the working conditions do not call for high crush resistance or tensile strength.		
Specification	Generally to BS EN 1765: 2004 Type S15	Working / Burst Pressures	15 / 60 Bar

Hose Component	Description
Lining	Synthetic rubber compound (Chlorobutyl) suitable for industrial chemical applications
Main reinforcement	Multiple plies of high tenacity rayon cord designed for a combination of high strength and resistance to fatigue. Each layer is fully encapsulated in rubber to prevent abrasion with adjacent layers.
Embed wire	Helical steel wire to resist collapse and crush loads
Holding ply	Textile reinforcement to increase adhesion between hose body and cover
Cover	Weathering and abrasion resistant rubber compound
Fittings	Built-in steel nipples with flanges to suit customer requirements.

Hose Characteristics									
	2in.	2.5in.	3in.	4in.	5in.	6in.	8in.	10in.	12in.
Internal Diameter (mm)	50.8	63.5	76.2	101.6	127	152.4	203.2	254	304.8
Outside Diameter (mm) (nominal)	76	89	102	127	155	187	243	294	350
Hose Body Weight (kg/m)	3.8	4.6	5.7	7.4	10.3	15.7	24.8	31.1	40.9
Hose End Weight (kg/hose)	11	14	18	29	38	46	67	96	122
Min. Bend Radius (m)	0.3	0.38	0.46	0.6	0.76	0.9	1.2	1.5	1.8
Safe Working Tensile Load (tonnes)	1.3	1.2	1.7	1.4	2.7	3.5	8.2	7.6	6.4
Operating Temperature (all sizes)	-30°C to +70°C								
Electrical Continuity	Electrically continuous or discontinuous as required.								
<i>For alternative sizes, lining materials or pressure / temperature ratings please contact us.</i>									



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