

Dunlop Type 383B/383V

- PetroChemical Dock Hose

Generally complying with BS EN 1765: 2004 - Type S15

Application

Lightweight, flexible hoses offering easy handling for transferring industrial chemicals. Generally used at dockside and jetty locations.

The lining options allow for transfer of different industrial chemicals.

Working/Burst Pressure (S15)	15/60 bar (Dunlop Type 383B/383V)
Operating Temperature	-20°C to +70°C (383B) -20°C to +100°C (383V)
Electrical Continuity	Electrically continuous or discontinuous as required
Maximum lengths	15m



Construction

Lining	(383B) Synthetic rubber compound (Chlorobutyl) suitable for industrial chemical applications. (383V) Viton rubber compound for petroleum products with an aromatic content up to 100% and many industrial chemicals
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

Technical Design Data

ID		OD		Body Weight		End Weight	MBR	Maximum Working Tensile Load	
Type 383B & 383V		Type 383B	Type 383V	Type 383B	Type 383V	All	All	Type 383B	Type 383V
inch	mm	mm	mm	kg/m	kg/m	kg/hose	m	Tonnes	Tonnes
2	51	76	85	3.8	5.4	11	0.30	1.3	1.1
2.5	64	89	97	4.6	6.4	14	0.38	1.2	1.0
3	76	102	111	5.7	7.8	18	0.46	1.7	1.6
4	102	127	136	7.4	10.0	29	0.60	1.4	1.4
5	127	155	163	10.3	13.0	38	0.76	2.7	2.4
6	152	187	195	15.7	18.8	46	0.90	3.5	3.4
8	203	243	252	24.8	28.2	67	1.20	8.2	6.7
10	254	294	303	31.1	36.6	96	1.50	7.6	7.4
12	305	350	360	40.9	47.0	122	1.80	6.4	6.3

Hoses manufactured in the United Kingdom

CE branded hoses showing full compliance with European Pressure Equipment Directive PED 97/23/EC