

Dunlop Type 288M

- Heavy Duty Submarine Suction and Discharge Hose

Fully complying with BS 1435: 1975 Type M15

Application

Designed for submarine applications, for example at CBM terminals, with a robust construction for heavy duty service.

The cover material has a high abrasion resistance and is designed for prolonged seawater submergence.

Working/Burst Pressure	15/75 bar (Dunlop Type 288M)
Operating Temperature	-20°C to +82°C
Electrical Continuity	Electrically continuous or discontinuous as required
Maximum lengths	15m



Construction

Lining	Synthetic rubber compound for petroleum products with an aromatic content up to 60%
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	Two helical steel wires 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
inch	mm	mm	kg/m	kg/hose	m	Tonnes
2	51	92	6.5	11	0.30	1.7
2.5	64	106	7.8	14	0.38	1.5
3	76	118	9.1	18	0.46	1.8
4	102	144	11.8	29	0.60	2.0
5	127	177	17.2	38	0.76	3.1
6	152	206	22.5	46	0.90	5.0
8	203	257	29.7	67	1.20	5.8
10	254	313	40.6	96	1.50	8.0
12	305	365	52.7	122	1.80	7.8

Hoses manufactured in the United Kingdom

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