

Smooth Bore LPG Hose

Type 321



Application	Type 321 hoses are designed for long life and durability in dockside service transporting LPG at temperatures down to -30°C.		
Specification	BS EN 1762 : 2003 Type SD	Working / Burst Pressures	25 / 100 Bar

Hose Component	Description
Main Lining	Synthetic rubber compound for LPG service.
Bleeder cords	All polymer products allow gas to permeate through them. This hose include bleeder cords so that any trapped gas can safely vent out of the hose. Contact Dunlop Oil & Marine for further advice regarding this feature.
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 stainless 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 low temperature steel nipples with flanges to suit customer requirements

Hose Characteristics							
	2in.	3in.	4in.	6in.	8in.	10in.	12in.
Internal Diameter (mm)	50.8	76.2	101.6	152.4	203.2	254	304.8
Outside Diameter (mm) (nominal)	88	117	146	208	263	320	376
Hose Body Weight (kg/m)	5.8	9.2	13.6	26.3	36.3	51	67.7
Hose End Weight (kg/hose)	11	18	29	46	67	96	122
Min. Bend Radius (m)	0.3	0.46	0.6	0.9	1.2	1.5	1.8
Safe Working Tensile Load (tonnes)	1.8	3.2	5.3	9.9	18.1	25.4	27.3
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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