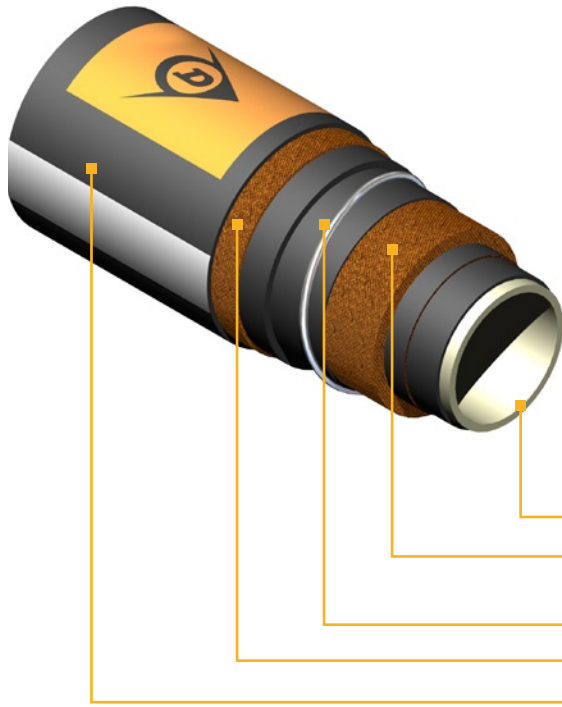


# Smooth Bore XLPE Hose for Suction & Discharge

## Type 341X



Application	Type 341X hoses have an outstanding chemical resistance. The use of cross-linked polyethylene (XLPE) for the lining allows the hose to handle some 90% of all industrial chemicals, with the exception of strong oxidising agents such as nitric and chromic acids.		
	Light weight and superb chemical resistance, rather than flexibility, are the main characterisations of the 341X.		
Specification	to Dunlop Oil & Marine internal specifications	Working / Burst Pressures	14 / 56 Bar

Hose Component	Description
Lining	Main XLPE lining.
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	Swaged-on stems and ferrules with flanges to 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)	83	96	109	134	162	188	244	296	355
Hose Body Weight (kg/m)	4.6	5.4	6.4	8.4	11.7	14.4	22.3	29.9	41.9
Hose End Weight (kg/hose)	8	13	15	23	28	37	58	100	155
Min. Bend Radius (m)	0.41	0.51	0.61	0.81	1.02	1.22	1.62	2.03	2.44
Safe Working Tensile Load (tonnes)	1.1	1	1.1	1.2	3	3.3	6.3	7.5	9.8
Operating Temperature (all sizes)	-20°C to +60°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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