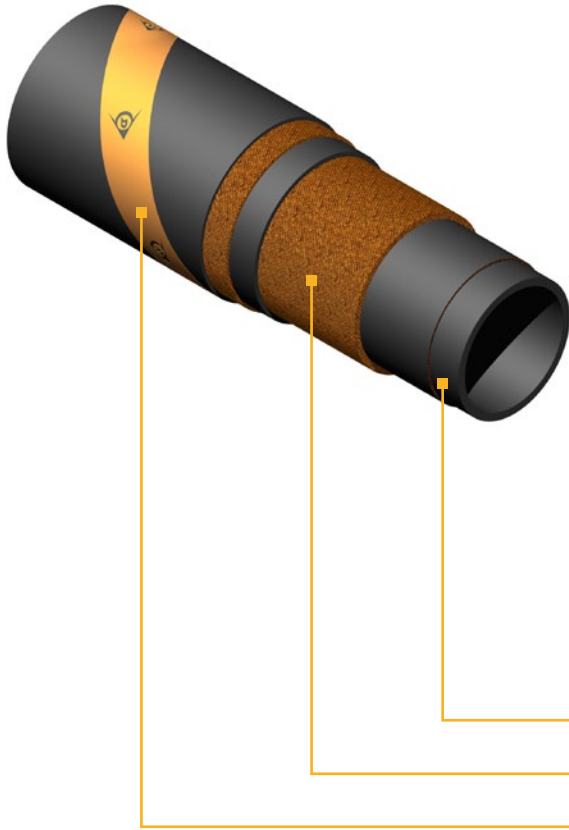


Lifeline Smooth Bore Oil Discharge Hose

Type 241



Application	Lightweight, flexible hoses offering easy handling. Used at dockside and jetty locations where the working conditions do not call for high tensile strength. Generally manufactured in long lengths that are then cut to the required length before the fittings are attached.		
	Clamp-on fittings consist of a spigot with a flange or coupling to suit the customer requirements, firmly secured to the hose by a two-part aluminum clamp around the outside of the hose, held in place by high strength countersunk bolts.		
	Swaged fittings consist of a steel spigot with a flange or coupling to suit customer requirements, firmly secured to the hose by a steel ferrule on the outside of the hose, which is hydraulically compressed to create the clamping action.		
	Without a helical wire to support the hose body, these hoses will easily collapse and kink, yet they will recover their shape when pressurised or the bending load is removed. However, repeated kinking or collapsing may increase the rate of fatigue of the reinforcing cords.		
Specification	To Dunlop Oil & Marine internal specification	Working / Burst Pressures	17 / 51 Bar

Hose Component	Description
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
Cover	Weathering and abrasion resistant rubber compound
Fittings	Swaged-in or Clamp-on fittings with flanges or couplings to suit customer requirements

Hose Characteristics								
	2in.	2.5in.	3in.	4in.	5in.	6in.	8in.	10in.
Internal Diameter (mm)	50.8	63.5	76.2	101.6	127	152.4	203.2	254
Outside Diameter (mm) (nominal)	70	82	95	120	151	177	228	291
Hose Body Weight (kg/m)	2.2	2.6	3.1	4	6.3	7.8	10.2	20.1
Hose End Weight (kg/hose)	8	13	15	23	28	37	58	100
Min. Bend Radius (m)	0.3	0.38	0.46	0.6	0.76	0.9	1.2	1.5
Operating Temperature (all sizes)	-20°C to +82°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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