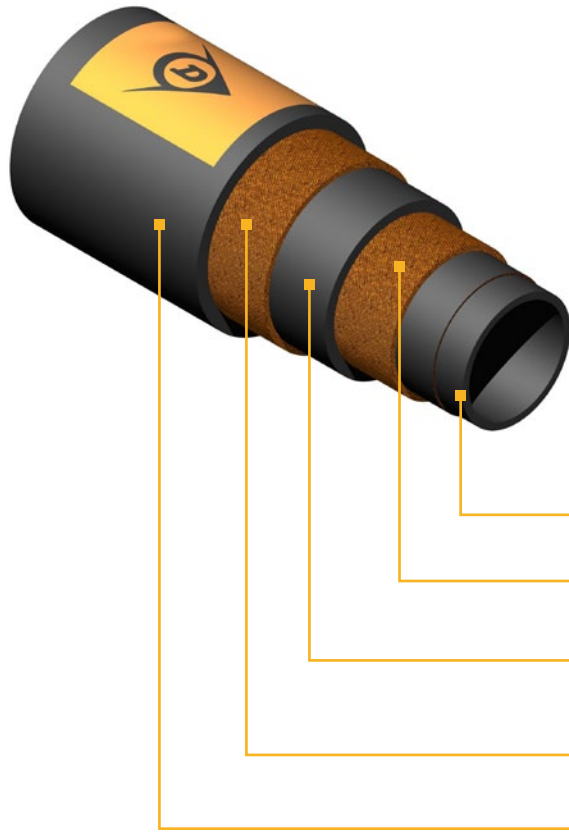


Reflex Helix-Free Ship to Ship Transfer Hose

Type 433



Application	Robust hoses for demanding ship to ship transfer operations. This design of hose delivers major operational benefits against conventional helical wire reinforced hoses. Their ability to recover after severe crushing or kinking loads are removed results in less downtime, longer life and easier handling.		
Specification	Generally to BS EN 1765:2004 Type S15	Working / Burst Pressures	15 / 75 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 cords designed for a combination of high strength and resistance to fatigue, providing resistance against axial pressure and tensile loads. Each layer is fully encapsulated in rubber to prevent abrasion with adjacent layers.
Filler block	Layer of high compressive modulus rubber compound that provides radial stability to enhance the bending and tensile characteristics of the hose.
Hoop plies	Multiple plies of high tenacity rayon cords designed for a combination of high strength and resistance to fatigue, providing resistance against radial pressure forces. Each layer is fully encapsulated in rubber to prevent abrasion with adjacent layers.
Cover	Weathering and abrasion resistant rubber compound
Fittings	Built-in fittings with flanges or couplings to suit customer requirements

Hose Characteristics						
	4in	6in	8in	10in	12in	16in
Internal Diameter (mm)	101.6	152.4	203.2	254	304.8	387.4
Outside Diameter (mm) (nominal)	144	209	267	323	374	469
Hose Body Weight (kg/m)	10.4	20.3	30.6	40.2	47.3	71.2
Hose End Weight (kg/hose)	29	46	67	96	122	150
Min. Bend Radius (m)	0.6	0.9	1.2	1.5	1.8	2.3
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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