

OIL SUCTION & DISCHARGE HOSE

Specification	A642, A643, A644 – Smooth bore oil suction and discharge hose.								
Applications	A range of medium and heavy-duty hoses for dockside use.								
Sizes	50mm to 300mm – 12 metres.								
Temperature	-20C to + 82C								
Lining	Smooth bore mandrel built, nitrile rubber lining to convey all grades of petroleum products, including crude oils and other liquid petroleum products having a maximum aromatics content of 40%. For 100% aromatic content a Viton® rubber lining is available.								
Reinforcement	A single ply of breaker fabric to reinforce the lining, with multiple plies of synthetic cord fabric surrounding a fully embedded high tensile steel wire helix. Hoses are supplied electrically continuous unless specifically requested to be electrically discontinuous. Hoses are branded accordingly.								
Working pressure Hoses are proof tested to 1.5 x working pressure.	A642		7 bar		-0.85 bar				
	A643		10 bar		-0.85 bar				
	A644		15 bar		-0.85 bar				
Cover	Smooth, tough, Neoprene rubber compounded to resist abrasion, weathering and oil. A single ply of heavy gauge breaker fabric between the cover and main carcass bonds them securely together.								
Approximate weight Kg/metre	Internal diameter		A642		A643		A644		Bend radius
			Wgt	OD	Wgt	OD	Wgt	OD	
	Inch	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	mtr
	3"	75	5.3	102	5.9	104	6.5	107	0.45
	4"	100	6.8	127	7.5	130	8.3	132	0.60
	6"	150	13.0	185	14.1	188	15.2	191	0.85
	8"	200	19.7	241	21.1	244	22.6	246	1.10
10"	250	29.0	300	31.2	302	33.0	305	1.35	
Branding	Each hose is embossed with serial number and manufacture date.								
Coupling systems	Hoses are generally supplied assembled with built-in carbon steel nipples with slip-on welded or weld neck flanges.								

OIL DELIVERY HOSE

Specification	A611, A612 – Smooth bore oil delivery hose.						
Applications	A range of medium and heavy-duty 'soft wall' hoses for dockside use.						
Sizes	50mm to 300mm – 12 metres.						
Temperature	-20C to + 82C						
Lining	Smooth bore mandrel built, nitrile rubber lining to convey all grades of petroleum products, including crude oils and other liquid petroleum products having a maximum aromatics content of 40%. For 100% aromatic content a Viton® rubber lining is available.						
Reinforcement	A single ply of breaker fabric to reinforce the lining, with multiple plies of synthetic cord fabric surrounding a fully embedded high tensile steel wire helix. Electrical continuity is provided by 2 or 3 spiralled stainless steel braided bonding wires secured to the end couplings. Electrical discontinuous hoses are available and branded accordingly.						
Working pressure	A611		10 bar				
	A612		15 bar				
	Hoses are proof tested to 1.5 x working pressure.						
Cover	Smooth, tough, Neoprene rubber compounded to resist abrasion, weathering and oil. A single ply of heavy gauge breaker fabric between the cover and main carcass bonds them securely together.						
Approximate weight Kg/metre	Internal		Kg/mtr		OD mm		Min bend radius
	Inch	mm	A611	A612	A611	A612	mm
	2"	50	3.0	3.6	68	71	300
	3"	75	4.6	4.6	96	96	450
	4"	100	5.0	5.5	121	126	600
	6"	150	7.0	9.0	172	178	900
	8"	200	12	13.5	228	234	1200
	10"	250	14.5	18.5	282	290	1500
Branding	Each hose is embossed with serial number and manufacture date.						
Coupling systems	Hoses are generally supplied assembled with built-in carbon steel nipples with slip-on welded or weld neck flanges.						