

A611, A612 medium-duty and heavy-duty oil hose to BS EN 1765:2016 A range of 'soft wall' hoses for liquid petroleum products

Product description

A611, A612 are a range of medium-duty and heavy-duty dockside and jetty hoses designed for the transfer of crude oils and other grades of liquid petroleum products. These hoses are designed for operating environments that require a robust assembly to withstand rough handling and high working pressures.

Reinforcement

High-strength rubber coated cords give optimum flexibility and stability under pressure. Breaker fabric is added to reinforce the bond between the lining and carcass. Electrical continuity is provided by multiple spiralled braided bonding wires secured to the end fittings. Hoses are available electrically continuous or discontinuous.

Cover

Smooth, hard-wearing neoprene rubber to protect against abrasion, oil, and sea water with optimum resistance to the effects of exposure to sunlight and weathering. High-strength breaker fabric is added to reinforce the bond between the cover and main carcass.

Coupling system

Carbon steel full-bore twin-band nipples are permanently built-in and vulcanised with slip-on or weld neck ANSI B16.5 flanges. Couplings can be galvanised, plated or painted if required. High-strength reinforcements strengthen the carcass around the nipples to protect against end-loading.

Quality assurance

A611, A612 dockside hoses are designed to meet the highest safety standards and are manufactured in accordance with BS EN 1765:2016 types L10 and L15.

Working pressure

A611	L10	10 bar
A612	L15	15 bar

Temperature range

-20°C to +82°C.

Testing and certification

Hoses are proof tested to 1.5 x working pressure. Test certificates and flange and nipple material certificates are issued as required. Third party inspection and witness testing is also available upon request.

- Custom-built hoses
- Built-in couplings
- High-strength design
- Viton™ rubber available

Nominal physical data

Bore size Inch mm	Nominal weight		Outside diameter		Min bend radius mm
	A611 kg/mt	A612 kg/mt	A611 mm	A612 mm	
2" 50	3.0	3.6	68	71	300
3" 89	4.6	4.6	96	96	450
4" 100	5.0	5.5	121	126	600
6" 150	7.0	12.8	172	182	900
8" 200	12.0	15.5	228	236	1200
10" 250	14.5	23.5	282	294	1500

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JF Hose & Couplings Limited
Unit 5 Hecla Works, Mounsey Road
Preston, PR5 6LS, UK
Tel: 01772 323300 Fax: 01772 323322
Email: sales@jfhose.co.uk

www.jfhose.co.uk