

Oil & Petrochemical

FLEXIBLE ENGINEERING

Petroflex™ oil suction and discharge hose A range of loading and unloading hoses for dockside use

Product description

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. Temperature range -20°C to +80°C.

Reinforcement

A single ply of breaker fabric to reinforce the lining, with multiple plies of high strength synthetic tyre cord surrounding a fully embedded high tensile steel wire helix. Hoses are supplied electrically continuous unless requested otherwise.



300mm dock loading oil suction and discharge hoses with built-in couplings

Coupling Systems

Hoses are assembled with built-in vulcanised carbon steel nipples with slip-on welded or welding neck flanges drilled to requirement. Alternatively swaged couplings are available. Nipples can be screwed if required. Stainless steel, gunmetal or aluminium couplings are also available. Steel couplings can be galvanised, plated or painted.

- Custom built assemblies
- Built-in couplings
- Embossed branding
- Viton® rubber available

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

Large bore hose division

Leyland Business Park, Centurion Way
Leyland, Preston, PR25 3GR, UK

jfhose.co.uk



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. For submarine duty a double cover and galvanised fittings are supplied as standard.

Branding

Each hose is permanently branded at both ends including a serial number and date of manufacture, embossed into the hose cover.

Quality Assurance

Petroflex™ oil suction and discharge hoses meet the highest safety standards and are tested and certified to meet any quality assurance requirement. Hoses are proof tested to 1.5 x working pressure. Test and material certificates are supplied as a matter of course.

Pressure ratings

Specification	Working pressure	Vacuum
A642	7 bars	-0.85 bars
A643	10 bars	-0.85 bars
A644	15 bars	-0.85 bars

A642 – Petroflex™ oil suction and discharge hose

Bore size		Nom weight	Od	Min bend radius
inch	mm	kg/mtr	mm	mt
3	75	5.3	102	0.45
4	100	6.8	127	0.60
6	150	13.0	185	0.85
8	200	19.7	241	1.10
10	250	29.0	300	1.35
12	300	37.0	353	1.60

A643 – Petroflex™ oil suction and discharge hose

Bore size		Nom weight	Od	Min bend radius
inch	mm	kg/mtr	mm	mt
3	75	5.9	104	0.45
4	100	7.5	130	0.60
6	150	14.1	188	0.85
8	200	21.1	244	1.10
10	250	31.2	302	1.35
12	300	39.0	356	1.60

A644 – Petroflex™ oil suction and discharge hose

Bore size		Nom weight	Od	Min bend radius
inch	mm	kg/mtr	mm	mt
3	75	6.5	107	0.45
4	100	8.3	132	0.60
6	150	15.2	191	0.85
8	200	22.6	246	1.10
10	250	33.0	305	1.35
12	300	43.2	361	1.60

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