

Oil & Petrochemical

FLEXIBLE ENGINEERING

A642, A643 and A644 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 50%. For 100% aromatic content a Viton® rubber lining is available. Temperature range -20°C to +80°C.

Reinforcement

A single ply of breaker fabric reinforces the lining and multiple plies of high strength synthetic tyre cord surrounds single or twin fully embedded high tensile steel wires. Hoses are supplied electrically continuous or discontinuous.



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

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

Pressure ratings

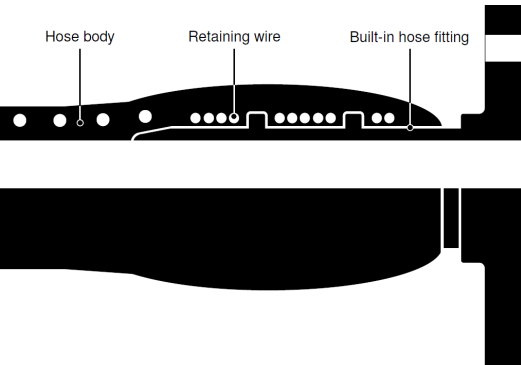
Specification	Working pressure	Vacuum
A642	7 bars	-0.85 bars
A643	10 bars	-0.85 bars
A644	15 bars	-0.85 bars



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Physical data

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Coupling System

Built-in vulcanised carbon steel nipples with ASTM A105 slip-on or weld neck flanges drilled as required. Couplings can be galvanised, plated or painted.

Cover

Smooth, tough, neoprene rubber compounded to resist abrasion, weathering and oil. Heavy-gauge breaker fabric reinforces the bond between cover and main carcass.

Branding

Each hose is permanently branded at both ends including a serial number and date of manufacture (shown right).

Quality Assurance

A642, A643 and A644 oil hoses meet the highest safety standards and are tested and certified to meet any quality assurance requirement. Hoses are tested to 1.5 x working pressure with test and material certificates issued.

BS. EN. 1765: 2004
R15. MAX. WP 15 BAR
1Q2013 250 0001

Physical data

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

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

Viton® is a registered trademark of DuPont Performance Elastomers.