Offshore 850

Marine and Offshore Supply Hose

- Fast flexible deployment and retrieval
- Safe operation including static discharge wires
- High performance capability
- AS 2117 Type 4 Grade 1



A flexible layflat hose for all types of marine and offshore supply operations.

Easy to store and transport

Lightweight and compact for economical storage.

Fast deployment and retrieval

Long continuous lengths can be quickly deployed and retrieved using manual or power driven reels.

Low operating costs

Low pressure loss for efficient pumping. Swells up to 15% at maximum operating pressure achieving higher flow rates and maximising cost savings.

High performance capability

Designed for continuous operation at high working pressures and end tensile loads.

Long service life

Capable of operating continuously at high pumping pressures with minimal maintenance in even the harshest environments. Tough and durable with exceptional resistance to abrasion and cutting for use in a variety of ground or sea conditions. Resistant to heat, fuels, chemicals, UV, ozone, weathering, hydrolysis, and microbiological attack. Floating capability.

Colour coded

Offshore 850 is available in two colour variants:
– High visibility orange for potable water and foodstuffs
– Green for fuels, oils etc



Static Discharge Wires

Dual bonding wires to EN1765 are fitted to the green version, to allow couplings to be electrically bonded when transferring fuels.

Features unique "through-the-weave" one piece construction comprising a circular woven high tenacity polyester reinforcement totally encapsulated in a tough elastomeric polyurethane cover and lining.

Available with a range of reuseable field-fittable high security couplings. Capable of accepting standard hose accessories including hooks, self-seal and breakaway couplings.

Approvals

Manufactured in compliance with BS EN ISO 9001:2008 quality management systems. Raw materials, components, and finished products are rigorously tested and inspected to ensure excellent product reliability.

Polymer approved to USA Food & Drug Administration CFR 177.2600 for conveying foodstuffs (orange version only).

Approved by Lloyd's Register of Shipping.

Typical Applications

Green version with bonding wires

Transfer of the following fluids:
Fuels
F-75 NATO standard Naval Fuel Oil
Drilling muds
Drillwater
Fuel Oils
Barytes
Cement
Bulk powder
Brackish and sea water

Orange version

Transfer of the following fluids:
Potable water
Foodstuffs

Offshore 850

Marine and Offshore Supply Hose

Technical Specification					
Diameter	**inch**	**2**	**3**	**4**	**6**
	mm	**51**	**76**	**102**	**152**
Colour – potable water/foodstuffs		Orange	Orange	Orange	Orange
– all other fluids		Green	Green	Green	Green
Nominal wall thickness	mm	3.1	3.5	4.0	5.0
Maximum continuous length	m	200	200	200	200
Weight *	kg/m	0.62	1.03	1.52	2.73
Minimum burst pressure	bar	58	58	58	58
Maximum working pressure ** – fuel oil	bar	15	15	15	15
– other fluids	bar	29	29	29	29
Minimum tensile strength	tonne	4	7	12	20
Maximum continuous end load	tonne	1.6	2.8	4.8	8.0
Fluid temperature range	°C		-50 to +50		
External temperature range	°C		-50 to +50		
Recommended operating pH range			5 to 9		

* Excluding couplings
** Or maximum working pressure of coupling, if lower



