

# Offshore 850

## Marine and Offshore Supply Hose

- Easy to store and transport
- Fast deployment and retrieval
- Low operating costs
- High performance capability
- Long service life



### 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 light duty or power driven reels.

#### Low operating costs

Low pressure loss for efficient pumping. Swells up to 15% above uncharged diameter 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
- Oil-based mud
- Barytes
- Cement
- Bulk powder
- Brackish and sea water

##### ■ Orange version

Transfer of the following fluids:

- Potable water
- Foodstuffs

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## 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	15	15	15	15
	– other fluids	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



### INTERNATIONAL SALES

#### Angus Flexible Pipelines

Angus House, Haddenham Business Park,  
Pegasus Way, Haddenham, Aylesbury, HP17 8LB, UK  
Tel: +44 (0)1844 293600 • Fax: +44 (0)1844 293664

### UK SALES

#### Angus Flexible Pipelines

Station Road, Bentham, Lancaster, LA2 7NA, UK  
Tel: +44 (0)1524 264000 • Fax: +44 (0)1524 264180

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5246/6 07.15