



Offshore 850

MARINE & INDUSTRIAL SUPPLY HOSE



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

- **Easy to Store & Transport**
Lightweight and compact for economical storage.
- **Fast Deployment & 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 maximizing 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.
- **Static Discharge Wires**
Dual bonding wires to EN 1765 allow couplings to be electrically bonded when transferring fuels.
- **Color Coded**
Available in high visibility orange for potable water and foodstuffs, and green for other fluids.

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Nominal Technical Specification

Diameter	inch	3	4	5	6
	mm	76	102	127	152
Standard Color*		Green	Green	Green	Green
Wall Thickness (in)		0.13	0.16	0.18	0.20
Maximum Continuous Length (ft)		660	660	660	660
Weight** (lbs/ft)		0.69	1.02	1.40	1.83
Minimum Short Length					
Burst Pressure (psi)		850	850	850	850
Maximum Working Pressure*** (psi)		425	425	425	425
Minimum Effective Tensile Strength (lbs.)		15,400	24,200	33,000	39,600
Temperature Range		-58 °F (-50 °C) to 158 °F (70 °C) depending on fluid being pumped			

* Orange available for potable water and foodstuffs.

** Excluding couplings.

*** Or maximum working pressure of attached coupling, whichever is lower.



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.

Manufactured in compliance with BS EN ISO 9001:2000 quality management systems. Polymer approved to USA Food & Drug Administration CFR 177.2600 for conveying foodstuffs. Raw materials, components, and finished products are rigorously tested and inspected to ensure excellent product reliability. Approved to UK Water Bylaws Scheme BS 6920 as suitable for conveying cold and hot potable water up to 50°C. Approved by Lloyd's Register of Shipping.

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

Typical Applications

- **Transfer of the following fluids:**
 - Fuels
 - Oil
 - Potable Water
 - Brackish & Sea Water
 - Drillwater
 - Drilling Muds
 - Oil-Based Mud
 - Barytes
 - Cement
 - Bulk Powder
 - Foodstuffs

Angus Flexible Pipelines operates a continuous program of product development. The right is therefore reserved to modify any specifications without prior notice and Angus should be contacted to ensure that the current issues of all technical data sheets are used.

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