ANGUS
Flexible Pipelines

Chemicoil

FUEL & CHEMICAL DELIVERY HOSE

A cost-effective flexible layflat hose for fuel and chemical delivery operations.

- **Easy to Store & Transport**
  Lightweight and compact for economical storage. Standard pick-up truck instead of flat-bed truck and fork lift reduces transport costs and enables direct routes inaccessible to larger vehicles to be taken.
- **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 10% above uncharged diameter at maximum operating pressure enabling fluids to be pumped further.
- **Long Service Life**
  Designed for long life and maintenance free service in even the harshest environments. Tough and durable with exceptional resistance to abrasion and cutting. No corrosion or scaling. Resistant to heat, fuels, chemicals, UV, ozone, weathering, hydrolysis, and microbiological attack.
- **Static Discharge Wires**
  Four equally spaced low resistance metal wires woven into the body of the hose allow couplings to be electrically bonded when transferring fuels.

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Nominal Technical Specification

Diameter	inch	1	1 1/2	1 3/4	2	2 1/2	3	4	6
	mm	25	38	45	51	63.5	76	102	152
Standard Colour*		Green	Green	Green	Green	Green	Green	Green	Green
Wall Thickness (mm)		1.7	1.8	1.8	2.1	2.1	2.3	2.6	3.3
Maximum Continuous Length (m)		200	200	200	200	200	200	200	200
Weight** (kg/m)		0.16	0.23	0.28	0.36	0.47	0.59	0.91	1.70
Coil Diameter** (m/30m)		0.42	0.43	0.45	0.44	0.46	0.49	0.63	0.69
Minimum Short Length Burst Pressure (bar)		42	42	42	42	42	42	42	42
Maximum Working Pressure*** (bar)		10	10	10	10	10	10	10	10
Temperature Range (°C)		-50 to +80 depending on fluid being pumped							

* NATO green available for military applications.
** Excluding couplings.
*** Or maximum working pressure of attached coupling, whichever is the 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 9002:1994 quality management systems. Raw materials, components, and finished products are rigorously tested and inspected to ensure excellent product reliability.

Wide range of couplings, manifolds, and hardware available for connecting the pipeline to additional segments, fluid supplies, or auxiliary hardware.

Typical Applications

- **Refineries & Chemical Plants**
  Pipeline Bypass
  Ship to Shore Unloading
  Tank Clearing
  Tank-to-Tank Transfer
- **Marine**
  Refuelling Ships
  Cargo Loading/Unloading
  Pollution Control and Clean-Up
  Salvage Pumping
- **Industrial**
  Home Fuel Delivery
  Loading/Unloading Rail Car
  Aircraft Refuelling
  Inert Gas Handling
  Dry Powder Handling
- **Military**
  Aircraft Refuelling
  Bulk Fuel Transfer

Angus Flexible Pipelines operates a continuous programme 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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