



Industry

General Purpose Hose



Flexitex Standard is a heavy reinforced fluid transfer hose for agricultural systems, but it may also serve as drag hose in umbilical system, or for irrigation.

This Premium Lay-flat hose is made from a blend of nitrile rubber and PVC, with added UV barrier to prevent damage from UV radiation.

Key Features

- Used as feeder hose for any type of water transfer application.
- General purpose, water discharge rubber hose.
- The hose is easy to store and deploy/retrieve.
- Ideal as "flexible pipeline" for industrial fire fighting teams.
- Operating temperature from -30°C to +75°C (-22°F to +167°F). Intermittent use up to +80°C (+176°F)
- Adapts well to the terrain and can be routed around obstacles. Preferred supply hoses for irrigation and as feeder hoses for slurry systems.
- The hose is also used as a light weight wash down or transfer hose for water based and non polar liquids in construction and general industry.

Design

- Made from a blend of nitrile rubber and PVC, with added UV barrier to prevent damage from UV radiation.
- The rubber blend is extruded through a circular woven reinforcement made from filament polyester yarn.
- Very strong bonding between cover and lining as well as firmly encapsulating the reinforcing polyester.
- Minimum axial elongation and snaking.

Advantages

- Highly durable.
- Field proven hose with a long track record.
- Lengths up to 200 meters.



Flexitex Standard (Technical data)

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Inner diameter		Wall Thickness		Weight		Burst Pressure		Tensile Strength	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	X1000 lbs	Tons
1 1/2	38.0 + 1.6	0.09	2.3	0.21	0.33	940	65	6.4	2.9
2"	51.0 + 2.0	0.09	2.2	0.29	0.43	670	46	8.4	3.8
2 1/2	65.0 + 2.0	0.09	2.2	0.36	0.53	670	46	9.3	4.2
3	76.0 + 2.0	0.10	2.5	0.49	0.73	670	46	11.5	5.2
3 1/2	90.0 + 2.0	0.11	2.7	0.67	1.00	610	42	17.6	8.0
4	102.0 + 2.5	0.11	2.7	0.74	1.10	535	37	19.4	8.8
5	127.0 + 3.0	0.12	3.0	1.01	1.53	610	42	32.2	14.6
6	150.0 + 3.0	0.13	3.2	1.19	1.78	535	37	35.5	16.1

NOTE: Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.

For questions about chemical resistance please check Downloads – Chemical Resistance or contact your local distributor or contact sales@mandals.com

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