



Industry

General Purpose Hose



Flexitex Extra 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 Extra (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 |
| 3" | 76 + 2.0 | 0.12 | 3.1 | 0.64 | 0.95 | 720 | 50 | 20.1 | 9.1 |
| 3 1/2" | 90 + 2.5 | 0.13 | 3.3 | 0.79 | 1.18 | 640 | 44 | 22.3 | 10.1 |
| 4" | 102 + 2.5 | 0.13 | 3.2 | 0.80 | 1.20 | 610 | 42 | 25.1 | 11.4 |
| 4 1/2" | 114 + 3.0 | 0.13 | 3.2 | 0.96 | 1.43 | 510 | 35 | 27.6 | 12.5 |
| 5" | 127 + 4.0 | 0.13 | 3.4 | 1.13 | 1.68 | 440 | 30 | 30.2 | 13.7 |
| 6" | 151 + 4.0 | 0.15 | 3.8 | 1.41 | 2.10 | 610 | 42 | 37.5 | 17.0 |

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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