



Flexitex is a heavily reinforced fluid transfer hose series with long track record. The versatile design and high-quality rubber has made it popular across many applications worldwide.

The Flexitex series is comprised of Standard, Extra, and Performance. Extra is thicker and higher pressure than Standard. Performance is the Extra series with an even thicker outer layer.

Primary Uses & Applications

- General purpose and water discharge.
- Used as feeder hose for any type of water transfer application.
- Ideal as "flexible pipeline" for industrial firefighting teams.
- Preferred supply hoses for irrigation.
- Feeder hoses for slurry systems.
- Light weight wash down or transfer hose for water based and non-polar liquids in construction and general industry.

Features

- Highly durable.
- Light weight and easy to deploy and retrieve.
- Adapts well to the terrain and can be routed around obstacles.
- Minimum axial elongation and snaking
- Field proven hose with a long track record.

Construction

- A high tensile polyester reinforcement jacket enveloped by a high-grade blend of nitrile rubber and PVC lining and cover material resistant to many chemicals, ozone, UV and abrasion.
- The rubber blend is extruded through a circular woven reinforcement made from filament polyester yarn.
- A strong bond between cover and lining prevents delamination, as well as firmly encapsulating the reinforcing polyester.

Properties

- Lengths up to 200 meters.
- Color options: Black (standard), orange (optional), green (optional).
- Different coupling options available.
- Operating temperature from -30°C to +65°C (-22°F to +140°F).

Flexitex Performance

Article Number	Inner Diameter ¹		Wall Thickness		Weight		Maximum Working Pressure ²		Burst Pressure		Nom. Tensile Strength ³	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
MFY076	3	76	0.14	3.5	0.72	1.07	330	23	670	46	22	10
MFY090	3 1/2	90	0.15	3.7	0.91	1.35	320	22	640	44	26	12
MFY102	4	102	0.15	3.8	0.94	1.40	305	21	610	42	35	16

Note: ¹Tolerance range based on ISO1307 Type C. ²Values are for hose only; allowed working pressure can not exceed coupling pressure rating. For questions about chemical resistance please check mandals.com/support. ³Calculated value. Use a reduction factor of 0.75 for realistic maximum tensile strength values.