



Mandals Mantex is a tough and lightweight hose designed primarily for compressed air applications. It combines flexibility with high pressure and safety, with a field proven track record for decades.

The Mantex is made of rubber, while Mantex HP is made of thermoplastic and has higher pressure rating.

Primary Uses & Applications

- Compressed air for power tools and machinery.
- Snow production.
- Transport of liquids.

Features

- Highly durable.
- Low weight combined with high pressure rating.
- Easy to deploy and retrieve between sites.
- 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, Yellow.
- Operating temperature from -30°C to +65°C (-22°F to +149°F).

Mantex

Article Number	Inner Diameter¹		Wall Thickness		Weight		Maximum Working Pressure		Burst Pressure		Nom. Tensile Strength²	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
MAN020	3/4	20	0.09	2.3	0.14	0.21	360	25	1450	100	4.2	1.9
MAN025	1	25	0.10	2.5	0.18	0.27	360	25	1450	100	5.1	2.3
MAN038	1 1/2	38	0.10	2.5	0.25	0.38	300	21	1235	85	7.7	3.5
MAN051	2	51	0.10	2.5	0.35	0.53	215	15	870	60	10.4	4.7
MAN065	2 1/2	65	0.11	2.9	0.45	0.68	180	12	725	50	14.8	6.7
MAN076	3	76	0.12	3.1	0.63	0.95	180	12	725	50	17.9	8.1

Note: ¹Tolerance range based on ISO1307 Type C. ²Do not apply a higher longitudinal load than 25% of the listed tensile strength.

Warning

Improper use and misuse of the hose may cause serious injury. Safety instructions can be found on: mandals.com/safety. Use of end restraint grips or whip-checks are mandatory. Never use higher working pressure than the coupling is rated for.