



The Mantex family is designed to be a flexible and lightweight hose for compressed air. It adapts to the terrain, making it possible to easily operate in difficult areas. For your convenience, the hose has been designed to be easy to coil for storage and transportation.

Mandals has two compressed air hose series, Mantex in rubber and Mantex HP in thermoplastic polyurethane (TPU). Mantex HP is a popular hose due to its lightweight, flexibility and high-pressure rating. Mantex HP is preferred for high burst pressure and abrasion-demanding applications, while Mantex is preferred where flexibility and low weight is desirable.

Primary Uses & Applications

- Compressed air for power tools and compressors.
- Borehole drilling.

Features

- Light, yet rugged and hard-wearing hose.
- Low weight combined with a high-pressure rating.
- Excellent puncture resistance.
- The hose does not stretch when pulled and has a very high-pressure rating versus wall thickness.
- Field proven design with long track record.
- Dual reinforcement ensures safety against failure.

Construction

- Double high tensile polyester jacket hose solution.
- High tensile polyester weaves covered with an abrasion resistant TPU and lined with an oil resistant TPU.

Properties

- Operating temperature up to +110°C (+230°F).
- Lengths up to 40 meters.
- Color options: Orange (standard).
- Different coupling options available.

Mantex HP

Article Number	Inner Diameter		Wall Thickness		Weight		Maximum Working Pressure		Burst Pressure		Nom. Tensile Strength	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
HPY051	2"	51.0 + 2.0	0.17	4.4	0.55	0.82	600	41	2535	175	31.7	14.3
HPY076	3"	75.0 + 2.0	0.18	4.5	0.83	1.24	435	30	1740	120	46.6	21.0

Note: Minimum safety factor burst to maximum working pressure is 4:1 for compressed air.

Mantex HP Extra

Article Number	Inner Diameter		Wall Thickness		Weight		Maximum Working Pressure		Burst Pressure		Nom. Tensile Strength	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
HPZ076	3"	75.0 + 2.0	0.22	5.5	1.05	1.55	600	41	2400	165	71.0	32.0

Note: Minimum safety factor burst to maximum working pressure is 4:1 for compressed air.

Warning

Improper use and misuse of the hose may cause serious injury. Safety instructions can be found on: mandals.com/safety. Whipsocks (heavy duty restraint grips) are mandatory.