



Industry

Compressed air / Construction



Mantex is designed to be a flexible and lightweight hose that 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.

Mantex HP is one of our most popular hoses due to its lightweight, flexibility and high pressure ratings. The hose has been designed to not stretch when pulled, and has excellent puncture resistance. In addition, the hose is oil resistant due to its high quality TPU lining and cover.

Key Features

- Light, yet rugged and hard-wearing hose.
- The low weight, combined with a high pressure rating, makes the hose popular and easy to use.
- The hose does not stretch when pulled and has a very high pressure rating versus wall thickness.
- Excellent abrasion resistance.
- Double Jacket hose with TPU outer layer / Inner layer.

Design

- Double jacket hose solution ensuring high burst pressure, puncture resistance and flexibility.
- High tensile polyester weaves covered and lined with an ultimate abrasion- and oil resistant Thermoplastic polyurethane (TPU).

Advantages

- Field proven hose with long track record.
- Lengths up to 40 meters.
- High working pressure (WP).
- Low weight
- High Flexibility.
- Easy handling – low weight compared to conventional hose.
- High operating temperatures (Max. +110°C / +230°F).



Mantex HP (Technical data)

Inner diameter		Wall Thickness		Weight		Burst Pressure		Tensile Strength	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	X 1000 lbs	Tons
2"	51 ± 2.0	0.17	4.4	0.55	0.82	2535	175	31.7	14.3
3"	75 ± 2.0	0.18	4.5	0.83	1.24	1740	120	46.6	21.0

NOTE: Minimum safety factor BP/WP IS 4:1 (25%) for compressed air (ISO 7751:1991)

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COUPLING ("2): designed and approved by Atlas Copco

COUPLING ("3): designed and approved by Fenner Mandals

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