



Mandals Mantex is a single jacket compressed air hose.

Mandals Mantex is lightweight, but rugged and hardwearing. The hose is mainly used for compressed air and has for more than 20 years been distributed by among others Atlas Copco.

Mandals Mantex is 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 jacket made from high tenacity filament polyester yarn. Thanks to the jacket being circular woven and not

just spun, the hose does not stretch when pulled and has a very high pressure rating versus wall thickness. The low weight combined with a high pressure rating make the hose popular and easy to use.

The hose can safely be used in ambient temperatures from -30°C to +75°C.

Standard lengths: 30 and 60 meters. Lengths up to 200 meters on request.

Mandals Mantex

Inner Diameter		Wall Thickness		Weight		Burst Pressure		Tensile Strength*	
inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	lbs	kg
3/4	20,0 +1,6	0,09	2,3	0,14	0,21	1 500	100	4 200	1 900
1	25,4 +1,6	0,10	2,5	0,18	0,28	1 500	100	5 100	2 300
1 1/2	38,0 +1,6	0,10	2,5	0,26	0,38	1 015	70	7 750	3 500
2	51,0 +2,0	0,10	2,5	0,35	0,53	870	60	10 350	4 700
2 (90 bar)	51,0 +2,0	0,11	2,9	0,44	0,65	1 300	90	17 400	7 900
2 1/2	65,0 +2,0	0,11	2,9	0,50	0,75	725	50	14 750	6 700
3	76,0 +2,0	0,12	3,1	0,63	0,95	725	50	17 800	8 100

To obtain maximum lifetime for the hose, it is recommended that actual Working Pressure and/or Working Tensile Stress do not exceed 1/3 of the above listed values.

* Total theoretical longitudinal strength.