

mandals Superman HVT

SINCE 1775



Mandals Superman is a High Volume Transfer (HVT) hose

Mandals Superman HVT is made from thermoplastic polyether based polyurethane (TPU) extruded through a circular woven jacket made from high tenacity filament polyester yarn.

The hose has been developed for higher than normal working pressures for transfer of large volumes of liquid while at the same time being lightweight and easy to deploy.

The excellent abrasion resistance prevents the hose from being damaged when used in rugged terrain. Other types of outer cover would be worn off quickly due to the pulsations of the flow combined with the weight of the filled hose.

The heavily reinforced weave ensures minimum extension in length and minimum “snaking” of deployed hose.

Mandals Superman HVT can operate in an ambient temperature range from -50°C to +75°C. It can withstand intermittent use up to +80°C.

Standard lengths up to 200 meters.

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Inner Diameter		Wall Thickness		Weight		Burst Pressure		Tensile Strength*	
inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	lbs	kg
8	203,0+3,0	0,16	4,2	1,85	2,75	600	42	81 400	37 000
10	254,0+4,0	0,17	4,3	2,83	4,20	507	36	99 900	45 400
12	305,0+5,0	0,18	4,5	3,36	5,00	435	30	123 200	56 000

Maximum recommended Working Pressure: 50 % of the listed values - for temporary use. To obtain maximum lifetime of the hose, it is recommended that the Working Pressure or the Working Tensile Stress do not exceed 1/3 of the listed values.

* Total theoretical longitudinal strength.