

# ULTRAMAN



*A durable lightweight hose for all-round use within mining, energy and agricultural sector.*

*Easy handling and a long life time makes it very cost effective. Available in lengths up to 800 m depending on diameter.*

*Typical application areas are dewatering of open pit mines, irrigation and bypass line for sewage or slurry.*

## FEATURES

- Full diameter recovery after pressure release.
- Excellent hydrolysis and fungus resistance.
- Resistance to a wide range of chemicals.
- Excellent UV, Ozone and weathering resistance.
- Leak proof tested section lengths up to 200 mts.
- Operating temperature from -50°C to +75 °C ( -58°F to +167°F) for pure water.

## DESIGN

- Thermoplastic polyether based polyurethane (TPU).
- Extrusion through a circular woven jacket.
- Excellent adhesion between cover and weave.

## ADVANTAGES

- Excellent hydrolysis and fungus resistance.
- High diameter and extension stability.
- Resistance to a wide range of chemicals (Ref. chemical list).Excellent UV and weathering resistance.
- Longer length (> 200m) on request for diameter up to 6 inches.



## TECHNICAL DATA

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INTERNAL DIAMETER		WALL THICKNESS		WEIGHT		BURST PRESSURE		TENSILE STRENGTH	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	X1000 lbs	Tons
2 1/2	65.0 + 2.0	0.11	2.8	0.44	0.66	810	56	14.3	6.5
3	76.0 + 2.0	0.11	2.8	0.54	0.84	780	54	17.4	7.9
3 1/2	90.0 + 2.0	0.11	2.9	0.66	0.98	620	43	20.0	9.1
4	102.0 + 2.5	0.13	3.2	0.80	1.20	610	42	22.2	10.1
4 1/2	114.0 + 2.5	0.13	3.2	0.93	1.39	535	37	23.8	10.8
5	127.0 + 2.5	0.13	3.2	1.02	1.52	505	35	26.4	12.0
6	152.0 + 3.0	0.13	3.2	1.16	1.73	435	30	32.8	14.9
7	178.0 + 3.0	0.13	3.2	1.37	2.05	390	27	37.6	17.1

**NOTE:** Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.

For questions about chemical resistance please check "DOWNLOADS – Chemical Resistance" on our website, or contact your local distributor or contact sales@mandals.com.