

ULTRAMAN

Mandals ULTRAMAN is a durable lightweight hose for all-round use in the mining sector. Ease of handling and a long life time makes. It very cost effective. This hose is also used in deep mines for relining the compressed air lines- available in up to 800 m lengths depending on diameter.



INDUSTRIES

- ENERGY
- AGRICULTURAL
- MINING
- FIREFIGHTING

FEATURES

- Transfer large volumes of liquid at higher than normal working pressures
- Lightweight and easy to deploy
- Premium ultimate abrasion and puncture resistance
- High diameter and extension stability
- Minimum snaking of pressurized hose

DESIGN

- Thermoplastic polyether based polyurethane (TPU)
- State of the art through the weave extrusion technology
- Heavily reinforce and stabilized weave, using premium high tenacity polyester filament yarns
- High diameter and extension stability
- Minimum snaking of pressurized hose

ADVANTAGE

- Full diameter recovery after pressure release
- Excellent hydrolysis and fungus resistance
- resistance to a wide range of chemicals
- Temperature range -50 to 75 °C (pure water)
- Excellent UV, Ozone and weathering resistance
- Leak proof tested section lengths up to 200 mts.

TECHNICAL DATA

INNER DIAMETER		WALL THICKNESS		WEIGHT		BURST PRESSURE		TENSILE STRENGTH	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	X1000 kbs	Tons
2	51 + 2,0	0,11	2,7	0,35	0,52	940	65	13,7	6,2
2 1/2	65 + 2,0	0,11	2,8	0,44	0,66	790	55	13,7	6,2
3	76 + 2,0	0,11	2,8	0,52	0,78	780	54	19,2	8,7
3 1/2	90 + 2,0	0,11	2,9	0,64	0,95	620	43	22,3	10,1
4	102 + 2,5	0,13	3,2	0,77	1,15	580	40	25,1	11,4
4 1/2	114 + 2,5	0,13	3,2	0,91	1,35	530	37	26,4	12,0
5	127 + 2,5	0,13	3,2	1,01	1,50	460	32	29,5	13,4
6	152 + 3,0	0,13	3,2	1,14	1,70	430	30	36,6	16,6
7	178 + 3,0	0,13	3,2	1,48	2,20	390	27	41,9	19,0
8	203 + 3,0	0,13	3,2	1,61	2,40	360	25	47,8	21,7
10	254 + 4,0	0,13	3,3	2,07	3,08	300	21	71,9	32,6
12	305 + 5,0	0,13	3,4	2,55	3,80	210	15	90,6	41,1

NOTE: SAFETY FACTOR BP/WP IS 2:1 (50%). FOR ALL NON-HAZARD AND /OR INFLAMMABLE LIQUIDS.

CONTACT

sales@mandals.com
(47) 38 27 24 00
Nordre Banegate 26, 4515
Mandal, Norway