

AQUAMAN

FEATURES

- Approved for transfer of potable water.
- Transfer large volumes of liquid with high working pressures.
- Lightweight and easy to deploy.
- Premium abrasion resistance.
- Minimum extension in length and minimum snaking when in use.

DESIGN

- Mandals Aquaman is made from extruded thermoplastic polyether based polyurethane (TPU) with excellent wear & tear properties.
- The reinforcement is made from circular woven filament polyester yarn.
- The extrusion through the weave production method gives a very strong bonding between cover and lining as well as firmly encapsulating the woven polyester.

ADVANTAGES

- Designed, tested and certified for transfer of potable water.
- Excellent abrasion resistance of the TPU material enables the use of very thin and lightweight hoses with large diameters to be quickly and easily deployed.



TECHNICAL DATA

INNER DIAMETER		WALL THICKNESS		WEIGHT		BURST PRESSURE		TENSILE STRENGTH	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	x1000 kbs	Tons
1	25,4 + 1,3	0,06	1,6	0,11	0,17	725	50	3,3	1,5
1 1/2	38,0 + 1,6	0,08	2,0	0,20	0,30	655	45	5,8	2,6
2	51,0 + 2,0	0,09	2,2	0,29	0,44	655	45	7,6	3,4
2 1/2	65,0 + 2,0	0,09	2,3	0,36	0,54	610	42	9,1	4,1
3	76,0 + 2,0	0,09	2,4	0,47	0,70	610	42	10,7	4,8
4	102,0 + 2,5	0,12	3,0	0,72	1,07	520	36	23,1	10,4
5	127,0 + 2,5	0,12	3,0	0,99	1,48	435	30	26,9	12,1
6	152,0 + 3,0	0,12	3,0	1,15	1,72	465	32	33,3	15,0
8	203,0 + 3,0	0,13	3,2	1,53	2,30	380	26	43,8	19,7
10	254,0 + 4,0	0,13	3,3	2,05	3,08	305	21	65,8	29,6
12	305,0 + 5,0	0,13	3,4	2,53	3,80	220	15	83,1	37,4

