

WATER HOSE **AQUAMAN**
Water Lay Flat Hose

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 snaking when in use.

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.
Can be delivered in long length (>200m) for sizes up to 6" (152)

Design:

Manda Is Aqua man is made from extruded thermoplastic polyether based polyurethane (TPU). Reinforcement 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.

- Mandals Aquaman (TPU) can be used as an emergency bypass or even as a permanent alternative for supply of drinking water. This hose is also used in the ship service sector, and even for festivals and other temporary events.

Drinking water supply has become a major challenge worldwide. Aquaman has been designed to provide the most efficient, economical and easy to install transportation system for drinking water. Lay-flat hoses are the best option for water transfer when it comes to flexibility, low volume and easy handling and deployment.



PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight		Max. L ft
	Inch	Mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	Lb/Ft	Kg/m	
WAFB-100	1	25	0.07	1.9	3.3	1.5	725	50	0.13	0.20	300
WAFB-150	1 ½	38	0.08	2.1	5.8	2.6	655	45	0.20	0.30	300
WAFB-200	2	51	0.09	2.2	7.6	3.4	655	45	0.29	0.44	300
WAFB-250	2 ½	63	0.09	2.3	9.1	4.1	610	42	0.36	0.58	300
WAFB-300	3	76	0.09	2.4	10.7	4.8	610	42	0.47	0.75	300
WAFB-400	4	102	0.12	3.0	23.1	10.4	520	36	0.72	1.07	300
WAFB-500	5	127	0.12	3.0	26.9	12.1	435	30	0.99	1.48	300
WAFB-600	6	152	0.12	3.0	33.3	15.0	435	30	1.15	1.72	300
WAFB-800	8	203	0.13	3.2	43.8	19.7	380	26	1.53	2.30	300
WAFB-1000	10	254	0.13	3.3	65.8	29.6	305	21	2.05	3.08	300
WAFB-1200	12	305	0.13	3.4	83.1	37.4	220	15	2.53	3.80	300



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