



Flat water hoses



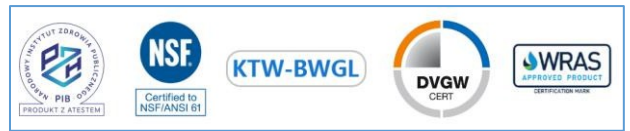
AQUAMAN

Flat hose for drinking water

Hose material: blue polyurethane - polyether (PU) pressed into the braid (textile spacer) during the hose extrusion process

Operating temp: -50°C to +75°C (for pure water)

Lightweight, abrasion-resistant delivery hose designed for the transfer of potable water in large volumes at high operating pressures. Flat at rest for easy handling and storage. With minimal elongation under pressure and no tendency to kink or twist. Reinforcement from circumferentially woven polyester braid, fully bonded and surrounded by thermoplastic polyurethane in the original manufacturing process of hot extrusion of polyurethane through the braid. **Meets the requirements for the transmission of cold potable water: PZH (No. B.BK.60110.0171.2022, valid until 01.04.2025), NSF61, KTW-BWGL, DVGW and WRAS (BS6920).** Designed for permanent, temporary and emergency drinking water supply installations. Used for supplying water to ships, in military field installations, humanitarian operations, serving mass events, festivals, etc. Also available in other diameters up to 305 mm on special order.



index	internal diameter [mm]	wall thickness [mm]	external diameter [mm]	working pressure 20°C* [bar]	20°C burst pressure [bar]	mass [kg/m]	Roll length [m]	Hose bursting force (design)** [kG]
MR-AQUAMAN-025	25,4 ^{+1,6}	1,9	29,2	25	50	0,20	200	1500
MR-AQUAMAN-051	51,0 ^{+2,0}	2,2	55,4	22,5	45	0,44	200	3400
MR-AQUAMAN-076	76,0 ^{+2,0}	2,4	80,8	21	42	0,75	200	4800
MR-AQUAMAN-102	102,0 ^{+2,5}	3,0	108,0	18	36	1,07	200	10400

Note: Indices highlighted in colour - the most commonly used. * Max. working pressure for temporary use determined by a safety factor of 2:1 approved by the manufacturer (only for water and safe, non-flammable liquids). **For maximum service life, it is recommended not to exceed 1/3 of the burst pressure and the specified breaking load.

Access to clean drinking water is becoming an increasing challenge in today's world. Designed and manufactured in Norway, AQUAMAN hose provides an efficient, simple and cost-effective way to install a drinking water system. Flat hoses are the best solution for the rapid construction of a water transfer system in terms of flexibility, small size of system components, simple handling, system expandability and easy modification.



AQUAMAN DN51 hose used for the transfer of drinking water with STORZ couplings fitted with special clamps.

