



Aquaflex UK Reg 31 and WRAS Approved Drinking Water Hose

Our Aquaflex potable water hose is a general purpose all synthetic layflat delivery hose certified to BS 6920 WRAS Material Approval, and also approved for use in public water supplies as per the Secretary of State's List of Approved products listing 56/4/1397, as published by the Drinking Water Inspectorate (DWI).

The hose is a two-component system consisting of a transparent polyurethane inner lining and a synthetic polyester outer jacket. An additional blue NBR synthetic rubber exterior coating with ribs is applied for ease of handling and further resistance to abrasion.

HOSE JACKET

The hose jacket is a 100% polyester high tenacity yarn with circular woven, warp threads 2 ply twisted, plain weave.

HOSE LINING

The hose lining and cover is a two-component system consisting of a transparent polyurethane inner lining and a synthetic polyester outer jacket. The external coating is a high quality ribbed NBR synthetic rubber, resistant to ozone and to external contact with oil products. The lining guarantees a smooth surface and low friction loss.

COUPLING

Instantaneous, Storz or all international coupling types wired-in for safety & security, with 1.6mm Stainless Steel wire.

STANDARDS

WRAS approved material for use with water up to 23°C. WRAS Approval number: 2206532. UK Reg 31 Approved Product number 56/4/1397.

LENGTHS

Standard and non-standard lengths up to 100 metres. Maximum loose hose length 300 metres made to order. Max change in length 3%, max change in diameter 3%.

CHARACTERISTICS

- Extremely lightweight & flexible compared with a traditional hose.
- High pressure, high performance, high burst.
- Special blue colour for ease of identification.
- Compact coil diameter when rolled.
- Easy to handle & transport.
- Cold resistant up to -30 °C.
- Heat resistant up to +80 °C.



BS Coupling wired in



Standard colour

Internal Diameter		Weight g/m	Burst Pressure bar	Working Pressure Safety Ratio*		Wall Thickness mm
mm	inch			2:1 bar	3:1 bar	
19	¾	140	60	30	20	1.40
25	1	170	60	30	20	1.40
32	1 ¼	220	60	30	20	1.60
38	1 ½	260	60	30	20	1.60
42		280	60	30	20	1.60
45	1 ¾	310	60	30	20	1.60
52	2	380	50	25	17	1.80
64	2 ½	480	50	25	17	1.80
70	2 ¾	560	50	25	17	1.80
75	3	590	50	25	17	2.10
90	3 ½	740	40	20	13	2.10
102	4	800	40	20	13	2.50
110	4 ⅓	1080	40	20	13	2.50
125	5	1270	30	15	10	2.50
152	6	1720	30	15	10	2.50

*maximum recommended working pressure of the hose, or maximum working pressure of the attached coupling whichever is the lower.
 Manufactured to ISO 9001 2015 Quality Management System.