



## Aquaflex P Drinking Water Hose

Our Aquaflex P drinking water hose is a general purpose all synthetic layflat delivery hose. The hose is a two-component system consisting of a white high quality synthetic rubber inner lining and a synthetic polyester outer jacket, bonded together with NBR-synthetic adhesive. The hose is finally colour and polyurethane coated for extra abrasion resistance.

### HOSE JACKET

The hose jacket is a 100% polyester high tenacity yarn with circular woven, multiple twisted warp, twill weave.

Colour and polyurethane coated for extra abrasion resistance.

### HOSE LINING

The hose lining and cover is a two-component system consisting of a black SBR synthetic rubber inner lining and a synthetic polyester outer jacket, bonded together with NBR-synthetic adhesive.

Resistant to ozone and to external contact with oil products. The lining guarantees a smooth surface and low friction loss.

### COUPLING

BS336 Instantaneous, Storz or all international coupling types wired-in for safety & security, with 1.6mm Stainless

### 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%.



Synthetic polyester jacket, with synthetic rubber lining



Standard colour

### CHARACTERISTICS

High pressure high performance.

White special rubber lining gives no taste or smell.

Good abrasion resistance and long service life.

Low friction loss.

Lightweight and flexible.

Ageing and ozone resistant – weather resistant.

Small coil diameter – easy to store.

Cold resistant to – 30 °C.

Heat resistant up to + 80 °C.

Easy to repair - repair material and vulcanizer on request.

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	180	60	30	20	1.60
25**	1	220	60	30	20	1.60
32	1¼	225	60	30	20	1.60
38	1½	240	60	30	20	1.70
42		280	60	30	20	1.70
45	1¾	290	60	30	20	1.70
52**	2	370	50	25	17	1.80
64	2½	470	50	25	17	1.80
70	2¾	540	50	25	17	1.80
75**	3	610	50	25	17	1.90
90	3½	710	40	20	13	1.90
102**	4	810	40	20	13	2.00
110	4⅓	910	35	18	12	2.00
125	5	1060	30	15	10	2.10
152	6	1240	30	15	10	2.10

\*maximum recommended working pressure of the hose, or maximum working pressure of the attached coupling whichever is the lower \*\* standard diameter