

AQUAFLEX P

PU-coated layflat Drinking Water Hose

Quality made in Germany

Drinking Water Hoses



Hose Construction

Jacket 100 % Polyester high tenacity yarn, circular woven, multiple twisted warp, twill weave
max. change in length 3%
max. change in diameter 3%

Inner Lining white, special high quality synthetic rubber

Exterior Coating Polyurethane coated, standard colour blue
PU coating increases the abrasion resistance and reduces water absorption.
It requires minimum maintenance and is easy to clean and to repair.



Internal diameter		Weight	Burst pressure	Working pressure* Safety ratio		Wall thickness
mm	inch	g/m	bar	2:1 bar	3:1 bar	mm
19	¾	180	60	30	20	1,60
25	1	220	60	30	20	1,60
32	1 ¼	225	60	30	20	1,60
38	1 ½	240	60	30	20	1,70
42		280	60	30	20	1,70
45	1 ¾	290	60	30	20	1,70
52	2	370	50	25	17	1,80
64	2 ½	470	50	25	17	1,80
70	2 ¾	540	50	25	17	1,80
75	3	610	50	25	17	1,90
90	3 ½	710	40	20	13	1,90
102	4	810	40	20	13	2,00
110	4 ⅓	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

Note The pressure capabilities of this Drinking Water Hose have been in-house tested according to the requirements of the German Fire Hose Standard DIN 14811.

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Characteristics

high pressure high performance
white special rubber lining gives no taste or smell
very good abrasion resistance and very long service life
low friction loss
lightweight and flexible
ageing and ozone resistant – weather resistant
easy to clean
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)

Applications

for all freshwater delivery applications
water utilities and water authorities
filling of fresh water tanks
temporary emergency pipeline
freshwater bowsers
food and beverage industry
marine and offshore use
military applications

Colour

standard colour blue
other colours on request (minimum quantity 500 m)

Couplings

Storz System or other International coupling types
wired in for maximum safety

Hose Marking at one end

hose length...manufacturer's trademark...DRINKING WATER...month and year of manufacture
Additional marking on request

Drinking Water Hoses



white, special rubber lining

Standard lengths

metres	feet
15	50
20	-
25	-
30	100

maximum length up to 300 m - 900 ft

Standard diameter

mm	inch
25	1
52	2
75	3
102	4

other diameter on request
(minimum quantity 500 m)

Quality Management System



certified by DQS against
DIN EN ISO 9001 : 2000
(Reg. No. 489 QM)

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