

TOP SYNTHETIC REFLEX/50 S

highly visible and fluorescent Delivery Hose
for Fire Brigades and Industry

Quality made in Germany

Fire Fighting Hoses



Hose Construction

Jacket 100 % dyed polyester high tenacity yarn, circular woven, warp threads 3-ply twisted, twill weave (3-ply twisted yarn has higher abrasion resistance and longer service life!)
max. change in length 3%
max. change in diameter 3%

Inner Lining Two-component system consisting of black SBR-synthetic rubber and white NBR-synthetic adhesive. Resistant to ozone and to external contact with oil products.
The lining guarantees a smooth surface and low friction loss.

Exterior fluorescent yellow, orange or red dyed yarn for increased workplace safety



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	110	60	30	20	1,40
25	1	150	60	30	20	1,40
32	1 ¼	175	60	30	20	1,40
38	1 ½	200	60	30	20	1,50
42		240	60	30	20	1,50
45	1 ¾	250	60	30	20	1,50
52	2	310	50	25	17	1,60
64	2 ½	410	50	25	17	1,60
70	2 ¾	470	50	25	17	1,60
75	3	520	50	25	17	1,70
90	3 ½	620	40	20	13	1,70
102	4	700	40	20	13	1,80
110	4 ⅓	790	35	18	12	1,80
125	5	930	30	15	10	1,90
152	6	1070	30	15	10	1,90

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

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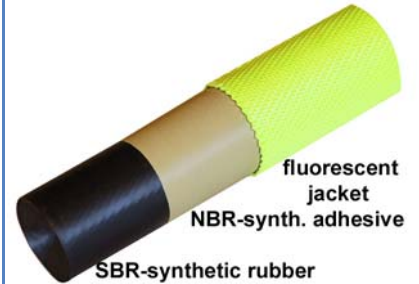
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Fire Fighting Hoses



two-component lining system



Characteristics

high visibility due to fluorescent colours
increased workplace safety
highly visible even in darkness and smoke
produced with very low twist
very good abrasion resistance and very long
service life, due to 3-ply warp threads
external resistance to oil, fuel and chemical products
low friction loss
ageing and ozone resistant – weather resistant
lightweight and flexible – kink resistant
minimum maintenance
cold resistant to – 30 °C
heat resistant up to + 80 °C
easy to repair
(repair material and vulcanizer on request)

Applications

municipal fire brigades
industrial fire brigades
shipboard
refineries
construction sites

Colour

standard colour fluorescent yellow, orange or red

Couplings

System Storz, BS, NEN, DSP and NST

Applicable Standards

DIN 14811, NEN 2242,
BS 6391:2009 Type 1, prEN 1924 class 2

Standard lengths

metres	feet
15	50
18	60
20	-
23	75
25	-
30	100

maximum length up to 300 m - 900 ft



BS Coupling

certified according to
DIN EN ISO 9001 : 2008
Quality Management System

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