

MONOFORM K

Red coloured semi-rigid hose for fixed systems
classified acc. EN 694 Type B Class 5

Quality made in Germany

Fire Fighting Hoses



Hose Construction

Jacket warp: 100% polyester high tenacity yarn
weft: monofil spiral helix
twill weave
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.
The lining guarantees a smooth surface and low friction loss.

External Colouring standard colour red
improves the dirt resistance compared to uncoated hoses

Special Options For use as compressed air hose Monoform K can be produced with an oil resistant lining.
(minimum quantity 500 m)

Internal diameter		External diameter	Weight	Burst pressure	Working pressure acc. EN 694	Working pressure* Safety ratio
mm	inch	mm	g/m	bar	bar	3:1 bar
19	¾	24	240	100	12	30
25	1	30	270	100	12	30
33	1 ¼	38	320	80	7	25

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



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Characteristics

extremely lightweight and flexible as a semi-rigid hose
the actual burst pressure far exceeds the minimum requirements
extremely thin walled for space saving on the reels
easy handling by occupants when used as a reel hose
high abrasion resistance and very long service life
low friction loss
minimum maintenance and easy to clean
cold resistant to $-30\text{ }^{\circ}\text{C}$
heat resistant up to $+80\text{ }^{\circ}\text{C}$

Applications

for wall mounted cabinets acc. EN 671-1
construction sites and industry
general semi-rigid hose for pumping applications
compressed air hose

Colour

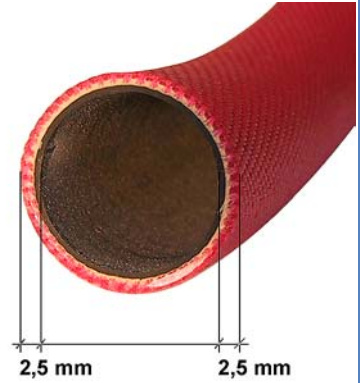
standard colour red
other colours on request (minimum quantity 500 m)

Couplings

Storz System or other suitable international coupling system

Applicable Standards EN 694 - Type B Class 5

Fire Fighting Hoses



thin wall thickness



Standard lengths

metres	feet
20	-
30	100
60	200

maximum length up to 100 m – 300 ft

Standard diameter

mm	inch
19	$\frac{3}{4}$
25	1

other diameter on request
(minimum quantity 500 m)

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

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