



Monoform Semi-Rigid Fire Hose

Our Monoform semi-rigid fire hose for fixed systems is classified acc. EN 694 Type B Class 5. It is extremely light weight and flexible with high abrasion resistance with a long service life. Suitable for wall mounted hose reels, pumping applications and compressed air usage.

HOSE JACKET & LINING

The hose jacket is a 100% polyester high tenacity yarn with monofil spiral helix twill weave. The inner lining is a two-component system consisting of black SBR synthetic rubber and white NBR-synthetic adhesive. The lining guarantees a smooth surface and low friction loss.

COUPLING

Storz System or other suitable international coupling system.

STANDARDS

EN 694 - Type B Class 5
 Approval No. Ø 19 mm 5F000192A – SP
 Approval No. Ø 25 mm 5F000192B – SP

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 and flexible as a semi-rigid hose.

The actual burst pressure far exceeds the minimum requirements.

Extremely thin walled for space saving.

Easy handling when used as a reel hose.

High abrasion resistance - very long service life.

Low friction loss.

Minimum maintenance and easy to clean.

Cold resistant to - 30 °C.

Heat resistant up to + 80 °C.

SPECIAL OPTIONS

Monoform can be produced with an oil resistant lining for use as a compressed air hose. (minimum order quantity 500 metres).



2.5mm thin wall thickness



Standard colours: white and red

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