



Monoform

Semi-rigid hose for fixed systems classified acc. EN 694 Type B Class 5

Construction Details:

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.

Exterior:

Uncoated Natural White
 Coated Red (Improves the dirt resistance compared with uncoated hoses)
 * Other colours available upon request

Special Options:

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

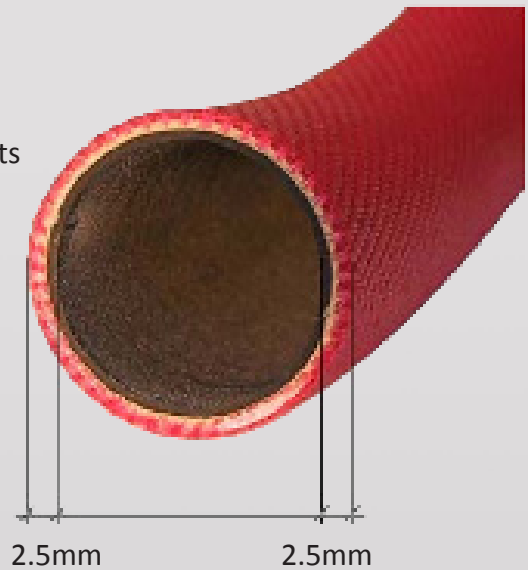
Internal Diameter		External Diameter	Weight	Burst Pressure	Working pressure acc. EN 694	Working pressure safety ratio*
mm	inch	mm	g/m	bar	bar	3:1 bar
19	¾	24	240	100	12	30
25	1	30	270	100	12	30
33	1¼	38	320	80	7	25

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



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 $+80\text{ }^{\circ}\text{C}$



Thin wall thickness

Applications:

For wall mounted cabinets acc. EN 671-1
 Construction sites and industry
 General semi-rigid hose for pumping applications
 Compressed air hose

Couplings:

Storz System or other suitable international coupling system.

Standard Diameter:

19mm ($\frac{3}{4}$ ") and 25mm (1")



Standards:

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

Standard Lengths:

All standard lengths can be supplied from stock, however Richards Hose specialize in the cutting and assembly of non-standard lengths up to 100 metres long to satisfy customers individual requirements.
 Maximum loose hose length 300 metres made to order.



Manufactured to ISO 9001 : 2008
 Quality Management System