Mebra Plastik Italia s.p.a.
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P F A

Flexible linear hose in PFA. It is the thermoplastic material that is closest to the performance of PTFE, with the advantage of being calibrated to reduced tolerances and being able to be produced in stems of the desired length.

FEATURES

Flexible perfluoroalcox tube (**PFA**) intrinsically **resistant to light, heat, aging and self-extinguishing** UL94 V0. It is the thermoplastic tube suitable for the most demanding applications, where chemical resistance is combined with temperatures ranging from **-60 to 260°C**. It can be installed with any type of connection, is **chemically inert to most chemicals and industrial solvents** and boasts the **lowest permeability** among the fluoropolymers of our production. Its transparency makes it ideal for those applications where fluid flow needs to be monitored.

SECTORS

INDUSTRIAL · AUTOMOTIVE · FOOD

NORMS AND DECLARATIONS

CE REG. 1935/2004 · CE REG. 10/2011 · D.M. 21/03/73

APPLICATIONS

INDUSTRIAL AUTOMATION · VACUUM

CHEMICAL RESISTANCE · LOW PERMEABILITY

PETROLEUM DERIVATIVES TRANSFER · FOOD CONTACT

STEAM · HYDROLYSIS RESISTANCE

HIGH TEMPERATURE (ABOVE 150°C)

LOW TEMPERATURE (UNDER -60°C)

FLAMMABILITY · UV RESISTANCE

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Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
PFA2X4	2 mm	4 mm	1 mm	15 mm	30 BAR	T
PFA4X6	4 mm	6 mm	1 mm	30 mm	18 BAR	T
PFA6X8	6 mm	8 mm	1 mm	50 mm	12 BAR	T
PFA8X10	8 mm	10 mm	1 mm	80 mm	10 BAR	T
PFA10X12	10 mm	12 mm	1 mm	115 mm	8 BAR	T

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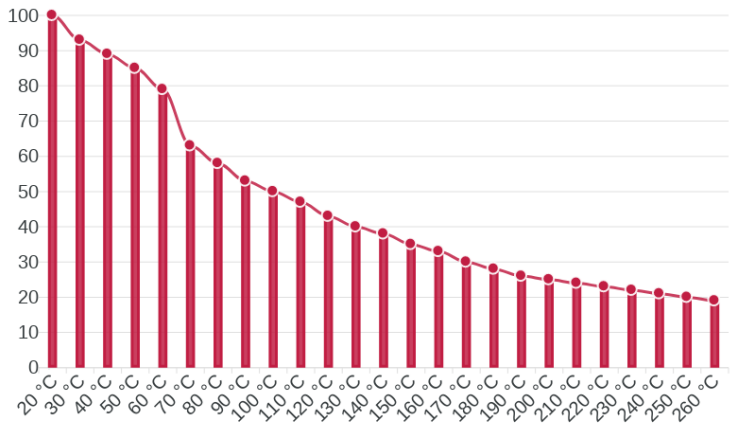
PRESSURE/TEMPERATURE

Operating temperature: **from -60°C to 260°C**

Safety factor on working pressure: **3:1**

Here on the side: **Graph of pressure drop expressed as a % in relation to temperature**