

F E P

Flexible linear hose in FEP. It is the cheapest choice for applications that require chemical resistance in combination with a wide range of utilization temperatures, reduced tolerances and long distances.

FEATURES

Semi-rigid Perfluoroalcox (**FEP**) tube, intrinsically **resistant to light, heat, aging and self-extinguishing** UL94 V0. Its transparency makes it ideal for those applications where fluid flow needs to be monitored. It is chemically inert to most industrial chemicals and solvents and boasts **excellent UV transmission** that makes it an ideal choice for water purification systems.

SECTORS

INDUSTRIAL

NORMS AND DECLARATIONS

CE REG. 10/2011

CE REG. 1935/2004

D.M. 21/03/73

FDA TITLE 2

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

CHEMICAL RESISTANCE

LOW PERMEABILITY

FOOD CONTACT

STEAM

HYDROLYSIS RESISTANCE

HIGH TEMPERATURE (ABOVE 150°C)

LOW TEMPERATURE (UNDER -60°C)

FLAMMABILITY

UV RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
FEP2X4	2 mm	4 mm	1 mm	15 mm	24 BAR	Ⓣ
FEP4X6	4 mm	6 mm	1 mm	40 mm	14 BAR	Ⓣ
FEP6X8	6 mm	8 mm	1 mm	70 mm	10 BAR	Ⓣ
FEP8X10	8 mm	10 mm	1 mm	110 mm	8 BAR	Ⓣ
FEP10X12	10 mm	12 mm	1 mm	160 mm	6 BAR	Ⓣ

PRESSURE/TEMPERATURE

Operating temperature: from -60°C to 200°C

Safety factor on working pressure: 3:1

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

