

## 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.

OT SUITABLE FOR VEGETABLE OILS.

### SECTORS

INDUSTRIAL

### NORMS AND DECLARATIONS

CE REG. 10/2011

CE REG. 1935/2004

D.M. 21/03/73

### 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                    | (T)     |
| FEP4X6      | 4 mm                | 6 mm                | 1 mm           | 40 mm                  | 14 BAR                    | (T)     |
| FEP6X8      | 6 mm                | 8 mm                | 1 mm           | 70 mm                  | 10 BAR                    | (T)     |
| FEP8X10     | 8 mm                | 10 mm               | 1 mm           | 110 mm                 | 8 BAR                     | (T)     |
| FEP10X12    | 10 mm               | 12 mm               | 1 mm           | 160 mm                 | 6 BAR                     | (T)     |

### 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

