

## KYNAR FLEX® 2800

Linear tubing in KYNAR FLEX® 2800, flexible vinylidene polyfluoride (PDVF). Ideal for applications with exposure to less aggressive substances and temperatures below or equal to 90°C.

### FEATURES

**KYNAR FLEX®2800** tubing, vinylidene polyfluoride (PDVF), **flexible** copolymer intrinsically **resistant to light, heat, aging and self-extinguishing** UL94 V0. It is resistant to many common industrial fluids and gases, including ozone, and does not promote the growth of fungi. Its ozone resistance makes it an **ideal product for disinfection processes** that use this gas. It is one of the food grades of our production.

### SECTORS

INDUSTRIAL

AUTOMOTIVE

FOOD

### NORMS AND DECLARATIONS

CE REG. 1935/2004

CE REG. 10/2011

D.M. 21/03/73

### APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

MACHINE TOOLS

CHEMICAL RESISTANCE

LOW PERMEABILITY

DISINFESTATION

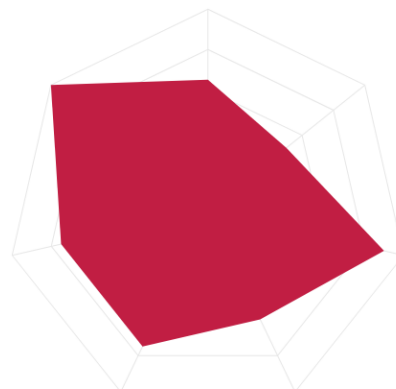
PETROLEUM DERIVATIVES TRANSFER

FOOD CONTACT

HYDROLYSIS RESISTANCE

FLAMMABILITY

UV RESISTANCE



## Products

| Part number | Inner diameter (iØ) | Outer diameter (oØ) | Wall thickness | Minimum bending radius | Operating pressure (23°C) | STANDA. |
|-------------|---------------------|---------------------|----------------|------------------------|---------------------------|---------|
| TK1X2       | 1 mm                | 2 mm                | 0.5 mm         | 10 mm                  | 55 BAR                    | (T)     |
| TK2X3       | 2 mm                | 3 mm                | 0.5 mm         | 20 mm                  | 33 BAR                    | (T)     |
| TK2X4       | 2 mm                | 4 mm                | 1 mm           | 15 mm                  | 55 BAR                    | (T)     |
| TK2.5X4     | 2.5 mm              | 4 mm                | 0.75 mm        | 25 mm                  | 38 BAR                    | (T)     |
| TK4X6       | 4 mm                | 6 mm                | 1 mm           | 40 mm                  | 33 BAR                    | (T)     |
| TK6X8       | 6 mm                | 8 mm                | 1 mm           | 70 mm                  | 23 BAR                    | (T)     |
| TK6.35X9.52 | 6.35 mm             | 9.52 mm             | 1.585 mm       | 60 mm                  | 33 BAR                    | (T)     |
| TK8X10      | 8 mm                | 10 mm               | 1 mm           | 110 mm                 | 18 BAR                    | (T)     |
| TK10X12     | 10 mm               | 12 mm               | 1 mm           | 160 mm                 | 15 BAR                    | (T)     |
| TK13X16     | 13 mm               | 16 mm               | 1.5 mm         | 185 mm                 | 17 BAR                    | (T)     |
| TK18X22     | 18 mm               | 22 mm               | 2 mm           | 260 mm                 | 16 BAR                    | (T)     |

## PRESSURE/TEMPERATURE

*Operating temperature: from -40°C to 90°C*

*Safety factor on working pressure: 3:1*

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

