

TUBES

FEP TUBE

PLUS

EXCELLENT UNIVERSAL CHEMICAL
RESISTANCE

WIDE SERVICE TEMPERATURE RANGE

EXTREMELY HIGH WEATHERING AND
UV STABILITY

ANTI STICK CHARACTERISTICS

GOOD DIELECTRIC VALUES

NON-INFLAMMABLE

OUTSTANDING LOW FRICTION
PROPERTIES

EXTREMELY SMOOTH SURFACE

TRANSPARENT COLOR



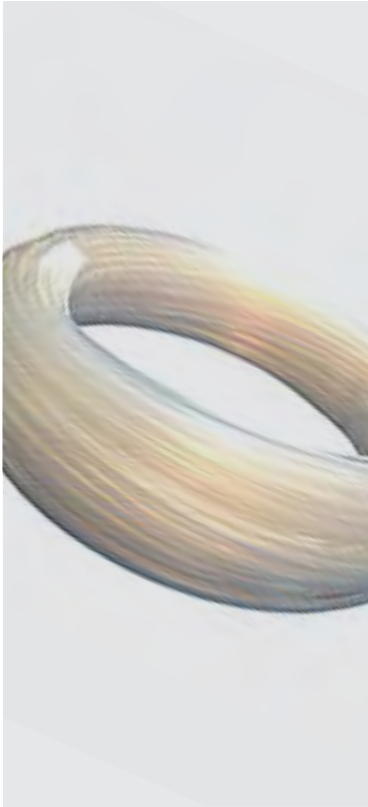


p. 691 / **FEP**



p. 692 / **FEP-BX**





From -40°C to +205°C

FEP is a melt processable fluoropolymer resin from which is possible to extrude tubes in various size. They have high acknowledgment for their unique properties and versatility which are helping to solve many different industry.



REACH

Products in compliance with the directive 2002/95/EC

RoHS2

Products in compliance with the directive 2011/65/EU



| GENERALS MECHANICAL FEATURES | DIN O ASTM | UNIT | DATES |
|-----------------------------------|-----------------|-------------------|-----------|
| DENSITY | 53479 | G/M ³ | 2,12-2,17 |
| COMBUSTIBILITY | NOT COMBUSTIBLE | | |
| WATER ABSORPTION | 53495 | % | < 0,01 |
| ULTIMATE TENSILE STRENGTH AT 23°C | 53455 | MPA | 19-25 |
| YELD POINT AT 23°C | 53455 | N/MM ² | 12 |
| ELONGATION AT BREAK AT 23°C | 53455 | % | 250-350 |
| HARDNESS | 53505 | SH | D70 |
| TEMPERATURE/FUSION POINT | ASTM 2116 | °C | 253-282 |

pressure correction scale according to temperature

| | From -40°C to 0°C | From 0°C to +20°C | From +20°C to +40°C | From +40°C to +70°C | From +70°C to +100°C | From +100°C to +160°C | > +160°C |
|--------------------------------|-------------------|-------------------|---------------------|---------------------|----------------------|-----------------------|----------|
| CORRECTION FACTORS OF PRESSURE | 1,1 | 1 | 0,8 | 0,6 | 0,4 | 0,3 | 0,2 |

FEP

Calibrated FEP tube



| CODE | SIZES | TOLERANCE EXTERNAL TUBE | WORKING PRESSURE | BURST PRESSURE | MINIMUM BENDING RADIUS | CONCENTRICITY | GR./MT. | MT. |
|-----------|-------|-------------------------|------------------|----------------|------------------------|---------------|---------|-----|
| FEP0315TR | 3X1,5 | +/-0,5 | 35 | 105 | 15 | +/-0,1 | 13,0 | 100 |
| FEP0425TR | 4X2,5 | +/-0,5 | 30 | 90 | 15 | +/-0,1 | 19,0 | 100 |
| FEP0604TR | 6X4 | +/-0,7 | 18 | 54 | 15 | +/-0,1 | 37,0 | 100 |
| FEP0806TR | 8X6 | +/-0,7 | 14 | 42 | 30 | +/-0,1 | 51,0 | 100 |




FEP-BX

Calibrated FEP tube



| CODE | SIZES | TOLERANCE EXTERNAL TUBE | WORKING PRESSURE | BURST PRESSURE | MINIMUM BENDING RADIUS | CONCENTRICITY | GR./MT. | MT. |
|----------------|-------|----------------------------|---------------------|-------------------|---------------------------|---------------|---------|-----|
| FEPO315TR-25BX | 3X1,5 | +/-0,05 | 35 | 105 | 15 | +/-0,1 | 13,0 | 25 |
| FEPO425TR-25BX | 4X2,5 | +/-0,05 | 30 | 90 | 15 | +/-0,1 | 19,0 | 25 |
| FEPO604TR-25BX | 6X4 | +/-0,07 | 18 | 54 | 15 | +/-0,1 | 37,0 | 25 |
| FEPO806TR-25BX | 8X6 | +/-0,07 | 14 | 42 | 30 | +/-0,1 | 51,0 | 25 |

| Sizes ODxID |  Transparent |
|-------------|---|
| 3X1,5 | FEPO315TR |
| 4X2,5 | FEPO425TR |
| 6X4 | FEPO604TR |
| 8X6 | FEPO806TR |

