



## Technical Data Sheet

### FEP (Fluorethylenpropylene)

FEP is a partially crystalline, thermoplastic co-polymer that features high transparency. Because of its low water absorption, FEP is especially used in the areas of metering liquid food and medical engineering. Thanks to the high chemical resistance of FEP, it is ideal for cleaning processes in food technology (CIP processes).

Physical Properties	Unit	Value
Temperature	°C	-200 to +200
Shore Hardness	Shore D	55
Density	g/cm <sup>3</sup>	2,15

Pressure Resistance in Bar	
ID/OD	20°C
04/06	12
06/08	9
DN 3/8"/1/2"	8

Additional Information	
Outside Suitability	UV-Resistance Weatherproof
CIP Suitability	Suitable
Method of Sterilization	Ethylene Oxide Hot Steam Hot Air
Characteristics	Without Phthalates ADI free UL94 V-0
Possible Certificates On Request	FDA USP Class VI EC 1935/2004 EU Reg. 10/2011

Compressive Stress -Temperature	
Temperature °C	Reduction Factor
50	0,87
75	0,77
100	0,68
150	0,53
200	0,39
250	0,28