

Heat shrink tube, FEP, 1.6 to 1, high temperature tubing

The heat shrinking tubes FEP are made of fluorinated ethylene propylene. These heat shrink tubes are used for versatile electrical applications. The outstanding UV-resistance and high-clarity enable an outdoor installation. These tubes can be sterilised by Gamma, ETO, e-beam and autoclave sterilisation what makes them very popular for medical applications. Compared to PTFE, these FEP heat shrink tubes has a lower shrink temperature.



Product Facts of heat shrink tube FEP

- 1.6 to 1 shrink ratio
- Excellent dielectric strength
- Biocompatible
- Chemical resistance
- High optical clarity
- Sterilisable
- High working temperature (+200°C)

Temperature

Operating range	+205°C
Min. shrinking temperature	+190°C

Specifications and Approvals of heat shrink tube FEP

- UL94 V-0
- Compliant to AMS-DTL-I-23053/11
- USP Class VI on request

Dimensions in mm

Part Number	Inside Diameter		Wall Thickness	Reel in Meter
	As Supplied	After Heating	After Heating +/- 5%	
FEP-3/32-X-S	2.36	1.42	0.20	+/- 0.08
FEP-1/8-X-S	3.18	1.91	0.25	+/- 0.08
FEP-3/16-X-S	4.78	2.92	0.25	+/- 0.08
FEP-1/4-X-S	6.35	3.81	0.25	+/- 0.08
FEP-3/8-X-S	9.53	5.72	0.31	+/- 0.08
FEP-1/2-X-S	12.7	7.62	0.38	+/- 0.1
FEP-3/4-X-S	19.05	11.43	0.51	+/- 0.1
FEP-1-X-S	25.40	15.24	0.64	+/- 0.13
FEP-1-1/2-X-S	38.10	22.86	0.76	+/- 0.13
FEP-2-X-S	50.8	30.48	0.76	+/- 0.13

Standard Colour

Colour	Clear / Natural
Ordering Code	X