

FEP (Fluorinated Ethylene Propylene) is a modified category of PTFE. It basically retains the properties of PTFE, like excellent high- low temperature resistance, chemical stability, dielectricity, high non-adhesiveness and mechanical strength. Compare to PTFE, it has better elasticity and transparency and is only 50°C lower than PTFE by limit of high temperature resistance.

Electrical reliability, high insulation: 60hz-60MHZ

under high and low temperature dielectric often stick to 2.1. Although the surface damage by diving, also won't produce conductive orbit. >1018UM volume resistance, surface resistance>10130, arc resistant >165 seconds No leakage



. 1:3/1 shrink ratio and 1:67/1 shrink ratio

- Exceptional heat resistance up to 400° F (204° C)
 - Chemically inert to nearly all industrial chemicals and solvents
 - Superior dielectric strength
 - Low coefficient of friction eliminates dirt and dust build up
 - Long continuous lengths can be produced for electronic and cabling operations
 - Self-extinguishing
 - Non-wetting
 - Turnkey services available for custom shrinking, etching and laser marking
- FEP Heat Shrink Tubing is easier to shrink than PTFE and operates as high as 400° F (204° C). It is supplied in an expanded state to allow easy slippage over medical instruments, thermometers, lighting fixtures and other instruments where protection is needed. As a protective cover, FEP Shrink eliminates dirt and dust build up and adds lubricity to components.

Low friction: friction coefficient of 0.2 to 0.3

Product use

Insulating sheath, motor rotor main insulation, water treatment, oil field industries such as magma sample preparation Protective covering for components , • Electrical insulation, • Rollers, • UV light Covering, • Medical instruments, • Catheter constructions, • Bulb protection, • Battery packs

(MM) Internal diameter pre-shrink	(MM) Internal diameter post-shrink	Wall thickness post-shrink	M) length
3.8	2.7	0.2-0.25	1
4.5	3.3	0.2-0.25	1
5.5	4.3	0.2-0.25	1
7.0	5.1	0.2-0.35	1
7.9	6.0	0.2-0.35	1
10.6	7.4	0.3-0.45	1
12.5	8.8	0.3-0.45	1
14.5	10.7	0.3	1
17.3	12.8	0.4	1
19	16.5	0.5	2
21	18.5	0.5	2
24	19.5	0.5	2
26	21.5	0.5	2
30	24	0.5	2
33	27	0.5	2
36	28.5	0.5	2
43	34	0.5	2
52	40	0.5	2
57	49	0.5	2
63	50	0.5	2
67	53	0.5	2
76	61	0.5	2
82	64	0.5	2
91	73	0.5	2
98	82	0.5	2
106	84	0.6	2
110	86	0.6	2
118	96	0.6	2
136	103	0.6	2
156	125	0.6	3