

FEP heat shrinkable tube

Features

1. Excellent insulation
2. Operating temperature -200°C ~ 200 °C
3. Not burn in the air (Oxygen Index>95vol%)
4. Excellent corrosion resistance
5. Low Friction: Dynamic friction coefficient 0.2-0.3

Application

Widely used in office machinery, paper machinery, printing machinery, printing presses, insulated jacket, etc.

the main insulation of rotor of the electric instrument

water treatment

make the magma sample in the field of oil field etc.

For UV lamp protecting (UV light can penetrate the tube fully, and the lamp can be protected so that the broken lamp won't hurt people)

For packing anti-corrosive things.

Speciality

Bear high and low temperature from -200°C--200°C

Non stickiness, against water and oil water touch angle $\theta=114^\circ$

It won't burn in the air (oxygen index>95VOL%)

Anticorrosive

only Fluorine element, alkali metals can affect it in the high temperature, other all thick or thin abio or organic acid, or alkali or ester can't affect it .

Electric reliability, high insulation

Dielectric constant will always be 2.1 no matter when it is at the high or low temperature (60Hz-60MHz). Even if its surface is hurt because of fire, it won't have conductive rail

Volume resistivity $>10^{18}\text{ohm}$

electric resistance $>10^{13}\text{Ohm}$ Surface resistivity $>2 \times 10^{13}\text{ ohm}$

Bear electric arc $>165\text{ seconds}$, it won't creepage

Low friction

Moving Friction rate 0.2-0.3

Specification

(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

(MM) internal diameter pre- shrink	(MM) internal diameter post-shrink	wall thickness post- shrink	(M) length
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