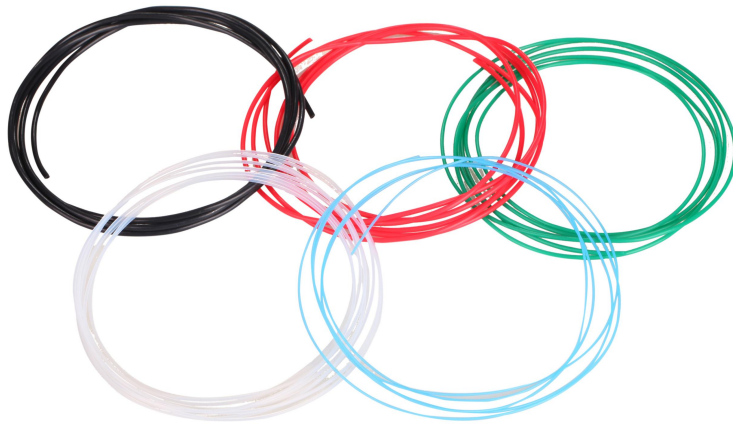


PTFE Tube



Model Number: SBD-PTFE

Working temperature: -80°C ~ 260°C

Usage

PTFE tube is manufactured by extrusion process with imported high quality PTFE resin. It has excellent high and low temperature resistance, high voltage resistance, abrasion resistance and self-lubricating properties. It widely used in mechanical industries, electronic and electric

products, motor vehicle, aerospace, chemical industry, communications etc.

Characteristics

1. High voltage resistance (26KV/mm);
2. Excellent anti-corrosion (anti-acid/alkaline/chemical/oil).

Specification

Item	Standard	Item	Standard
Relative Density	2.14~2.20	Melting Point (°C)	327
Tensile Strength (MPa)	≥25	Operating Temperature (°C)	-80~260
Stretch Yield Strength (MPa)	≥11	Oxygen Index (%)	>90
Elongation (%)	≥300	Water Absorption (%)	<0.01
Arc Resistance	>300	Linear Expansion Coefficient (×10 ⁵ / °C)21~100°C	10
Shore Hardness (D)	59~63	breakdown strength (KV/mm)	≥26
Volume Resistance (Ω. cm)	1*10 ¹⁴		

Dimension

AWG	Inside Diameter (mm)	Outside Diameter (mm)(S)	Outside Diameter (mm)(T)	Outside Diameter (mm)(L)	Standard Package (m/roll)
30	0.30±0.10	0.80±0.10	0.70±0.10	0.60±0.10	305
28	0.38±0.10	0.88±0.10	0.78±0.10	0.68±0.10	305
26	0.46±0.10	0.96±0.10	0.86±0.10	0.76±0.10	305
24	0.56±0.10	1.16±0.10	1.06±0.10	0.86±0.10	305
23	0.66±0.10	1.26±0.10	1.16±0.10	0.96±0.10	305
22	0.71±0.10	1.31±0.10	1.21±0.10	1.01±0.10	305
21	0.81±0.10	1.41±0.10	1.31±0.10	1.11±0.10	305
20	0.86±0.10	1.66±0.10	1.46±0.10	1.16±0.10	305
19	0.96±0.20	1.76±0.20	1.56±0.20	1.26±0.20	305

AWG	Inside Diameter (mm)	Outside Diameter (mm)(S)	Outside Diameter (mm)(T)	Outside Diameter (mm)(L)	Standard Package (m/roll)
18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	305
17	1.19±0.20	1.99±0.20	1.79±0.20	1.49±0.20	305
16	1.34±0.20	2.14±0.20	1.94±0.20	1.64±0.20	305
15	1.50±0.20	2.30±0.20	2.10±0.20	1.80±0.20	153
14	1.68±0.20	2.48±0.20	2.28±0.20	2.08±0.20	153
13	1.93±0.20	2.73±0.20	2.53±0.20	2.33±0.20	153
12	2.16±0.25	2.96±0.25	2.76±0.25	2.56±0.25	153
11	2.41±0.25	3.21±0.25	3.01±0.25	2.81±0.25	153
10	2.86±0.25	3.49±0.25	3.29±0.25	3.09±0.25	153
9	3.00±0.25	4.00±0.25	3.80±0.25	3.40±0.25	100
8	3.38±0.25	4.38±0.25	4.18±0.25	3.78±0.25	100
7	3.76±0.25	4.76±0.25	4.56±0.25	4.16±0.25	100
6	4.22±0.25	5.22±0.25	5.02±0.25	4.80±0.25	100
5	4.72±0.25	5.72±0.25	5.52±0.25	5.32±0.25	100
4	5.28±0.30	6.28±0.30	6.08±0.30	5.88±0.25	100
3	5.94±0.30	6.94±0.30	6.74±0.30	6.54±0.25	100
2	6.68±0.30	7.68±0.30	7.48±0.30	7.28±0.25	100
1	7.46±0.30	8.46±0.30	8.26±0.30	8.06±0.25	100
0	8.38±0.30	9.38±0.30	9.18±0.30	8.98±0.25	100

Color: The standard color is natural (other color available upon request).

Special thick wall thickness PTFE tube with wall thickness 0.5mm, 1mm, 1.5mm, 2mm

Inner Diameter(mm)	Outside Diameter (mm) Wall Thickness =0.5mm	Outside Diameter (mm) Wall Thickness =1mm	Outside Diameter (mm) Wall Thickness =1.5mm	Outside Diameter (mm) Wall Thickness =2.0mm
1	2±0.10	3±0.10	4±0.10	5±0.10
2	3±0.10	4±0.10	5±0.10	6±0.10
3	4±0.10	5±0.10	6±0.10	7±0.10
4	5±0.10	6±0.10	7±0.10	8±0.10
5	6±0.10	7±0.10	8±0.10	9±0.10
6	7±0.10	8±0.10	9±0.10	10±0.10
7	8±0.10	9±0.10	10±0.10	11±0.10
8	9±0.10	10±0.10	11±0.10	12±0.10
9	10±0.20	11±0.20	12±0.20	13±0.20
10	11±0.20	12±0.20	13±0.20	14±0.20
11	12±0.20	13±0.20	14±0.20	15±0.20
12	13±0.20	14±0.20	15±0.20	16±0.20
14	15±0.20	16±0.20	17±0.20	18±0.20

Color: The standard color is natural (other color available upon request).