

PTFE Teflon tubing

Specially designed for protecting applications in extreme electrical, chemical and thermal environments

Features

Chemically inert

High temperature resistance

Continuous Operating

Temperature: -80°C to 260°C

Corrosion resistance (acid/alkali resistance, chemical reagents oil-proof)

High pressure resistance (26kv/mm)

Standard: UL224 VW-1C-UL CSA22. 20FT



Specification:

AWG	I.D. (mm)	O.D. (mm)(S)	O.D. (mm)(T)	O.D. (mm)(L)	STANDARD PACKAGE (meter/coil)
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	200
18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	200
17	1.19±0.20	1.99±0.20	1.79±0.20	1.49±0.20	200
16	1.34±0.20	2.14±0.20	1.94±0.20	1.64±0.20	153
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	100
13	1.93±0.20	2.73±0.20	2.53±0.20	2.33±0.20	100
12	2.16±0.25	2.96±0.25	2.76±0.25	2.56±0.25	100
11	2.41±0.25	3.21±0.25	3.01±0.25	2.81±0.25	100
10	2.26±0.25	3.49±0.25	3.29±0.25	3.09±0.25	100
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	50
4	5.28±0.30	6.28±0.30	6.08±0.30	5.88±0.25	1.0meter/pc
3	5.94±0.30	6.94±0.30	6.74±0.30	6.54±0.25	1.0meter/pc
2	6.68±0.30	7.68±0.30	7.48±0.30	7.28±0.25	1.0meter/pc
1	7.46±0.30	8.46±0.30	8.26±0.30	8.06±0.25	1.0meter/pc
0	8.38±0.30	9.38±0.30	9.18±0.30	8.98±0.25	1.0meter/pc

Technical Data:

Property	Standard	Property	Standard
Relative density	2.14~2.20	Melting point°C	327
Tensile strength(Mpa)	≥ 25	Operating temperature°C	-80~260
Tensile strength at yield(MPa)	≥ 11	Oxygen index(%)	> 90
Elongation(%)	≥ 300	Water absorption(%)	≤ 0.01
Arc resistance	> 300	Linear expansion coefficient($\times 10^5/^\circ\text{C}$)21~100°C	10
Hardness(Shore D)	59~63	Dielectric strength(kv/mm)	≥ 45
		Volume resistivity($\Omega \cdot \text{cm}$)	1×10^{14}