

**Product Introduction:**

PTFE Tube manufactured by extrusion process with PTFE. PTFE has excellent chemical resistance, heat resistance, weather resistance .it widely used in Science&Technology field ,such as in chemistry ,instruments, mechanical industries ,communications etc .

Characteristics:

- 1.Operating Temperature :-80°C-260°C
- 2.excellent anti-corrosion (anti-acid/alkaline/chemical/oil)
- 3.High voltage resistance (26kV/mm)

Standard color :clear .(Other color available upon request.)

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(× 10 ³ /°C)21 - 100°C	10
Hardness(Shore D)	59 - 63	Dielectric strength(kv/mm)	≥45
		Volume resistivity(Ω·cm)	1 × 10 ¹⁴

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	2.69 ± 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	1.0 meter/pc
3	5.94 ± 0.30	6.94 ± 0.30	6.74 ± 0.30	6.54 ± 0.25	1.0 meter/pc
2	6.68 ± 0.30	7.68 ± 0.30	7.48 ± 0.30	7.28 ± 0.25	1.0 meter/pc
1	7.46 ± 0.30	8.46 ± 0.30	8.26 ± 0.30	8.06 ± 0.25	1.0 meter/pc
0	8.38 ± 0.30	9.38 ± 0.30	9.18 ± 0.30	8.98 ± 0.25	1.0 meter/pc