



NS-PTFE200

PTFE Teflon Tubing



Description

Teflon tubing or PTFE tubing, short for polytetrafluoroethylene tubing, is made of superior polytetrafluoroethylene resin through special extrusion and sintering process. This product is highly electrical insulation, highly flame retardant, self-lubricating and highly resistant to super high temperature, chemical reagents and almost all oil chemicals. It finds extensive applications in automotive, war industry and aerospace markets.

Features

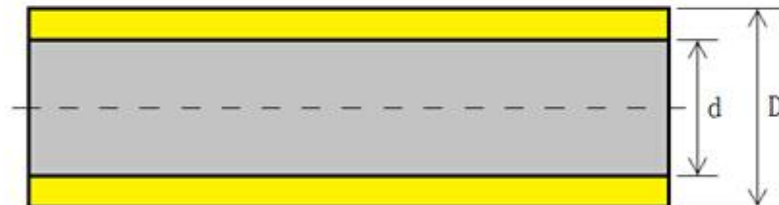
- Highly temperature Resistant
- Highly flame retardant
- Resistant to corrosion, strong acid, strong base, chemical reagents, and oil etc
- Continuous operating temperature: -65°C~260°C
- RoHS compliant
- Flammability: VW-1
- Standard color: transparent



Technical Performance

Properties	Typical Data	Test Method
Tensile strength	$\geq 25\text{MPa}$	ASTM D 2671
Elongation at break	$\geq 300\%$	ASTM D 2671
Flammability	VW-1	UL 224
Dielectric strength	$\geq 26\text{kV/mm}$	IEC 60243
Volume resistivity	$\geq 10^{14}\Omega\cdot\text{cm}$	IEC 60093
Cope corrosion	Pass	UL 224
Water absorption	$< 0.1\%$	ASTM D 570

Structure





Dimensions

Size (AWG)	Inner diameter d(mm)	Outer diameter D(mm)			Standard Package (M/roll, M/pcs)
		Outer diameter (S)	Outer diameter (T)	Outer diameter (L)	
30	0.30±0.10	0.80±0.10	0.70±0.10	0.60±0.10	305M/Roll
28	0.38±0.10	0.88±0.10	0.78±0.10	0.68±0.10	305M/Roll
26	0.46±0.10	0.96±0.10	0.86±0.10	0.76±0.10	305M/Roll
24	0.56±0.10	1.16±0.10	1.06±0.10	0.86±0.10	305M/Roll
23	0.66±0.10	1.26±0.10	1.16±0.10	0.96±0.10	305M/Roll
22	0.71±0.10	1.31±0.10	1.21±0.10	1.01±0.10	305M/Roll
21	0.81±0.10	1.41±0.10	1.31±0.10	1.11±0.10	305M/Roll
20	0.86±0.10	1.66±0.10	1.46±0.10	1.16±0.10	305M/Roll
19	0.96±0.20	1.76±0.20	1.56±0.20	1.26±0.20	200M/Roll
18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	200M/Roll
17	1.19±0.20	1.99±0.20	1.79±0.20	1.49±0.20	200M/Roll
16	1.34±0.20	2.14±0.20	1.94±0.20	1.64±0.20	153M/Roll
15	1.50±0.20	2.30±0.20	2.10±0.20	1.80±0.20	153M/Roll
14	1.68±0.20	2.48±0.20	2.28±0.20	2.08±0.20	100M/Roll



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13	1.93±0.20	2.73±0.20	2.53±0.20	2.33±0.20	100M/Roll
12	2.16±0.25	2.96±0.25	2.77±0.25	2.60±0.25	100M/Roll
11	2.41±0.25	3.21±0.25	3.01±0.25	2.81±0.25	150M/Roll
10	2.69±0.25	3.49±0.25	3.29±0.25	3.01±0.25	100M/Roll
9	3.00±0.25	4.00±0.25	3.80±0.25	3.40±0.25	100M/Roll
8	3.38±0.25	4.38±0.25	4.18±0.25	3.80±0.25	100M/Roll
7	3.76±0.25	4.76±0.25	4.56±0.25	4.20±0.25	100M/Roll
6	4.22±0.25	5.22±0.25	4.92±0.25	4.70±0.25	100M/Roll
5	4.72±0.25	5.72±0.25	5.42±0.25	5.32±0.25	50M/Roll
4	5.28±0.30	6.28±0.30	6.02±0.30	5.88±0.25	50M/Roll
3	5.94±0.30	6.94±0.30	6.74±0.30	6.54±0.25	1.0M/Pcs
2	6.68±0.30	7.68±0.30	7.48±0.30	7.28±0.25	1.0M/Pcs
1	7.46±0.30	8.46±0.30	8.29±0.30	8.06±0.25	1.0M/Pcs
0	8.38±0.30	9.36±0.30	9.18±0.30	8.98±0.25	1.0M/Pcs