



Characteristics

- Material: PTFE (Polytetrafluoroethylene)
- Chemical Resistance, heat resistance, weather resistance
- Operating temperature -80°C to +200°C
- UL224 VW-1 C-UL CSA22.20FT
- RoHS Compliant
- Standard Colour: Clear

Applications

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

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥25Mpa
Elongation	ASTM D2671	≥300%
Flammability	UL 224	VW-1
Dielectric Strength	IEC 60243	≥26 kV/mm
Breakdown Voltage	UL 224	2500V/60s
Volume Resistivity	IEC 60093	≥1 × 10 ¹⁴ Ω·cm

Product Dimensions (inch/mm)

Size AWG	Expanded	External Diameter (mm)		
	Internal Diameter(mm)	Standard Wall	Thin Wall	Lightweight Wall
22	0.71±0.1	1.31±0.1	1.21±0.1	1.01±0.1
20	0.86±0.1	1.66±0.1	1.46±0.1	1.16±0.1
18	1.07±0.2	1.87±0.2	1.67±0.2	1.37±0.2
16	1.34±0.2	2.14±0.2	1.94±0.2	1.64±0.2
15	1.5±0.2	2.3±0.2	2.1±0.2	1.8±0.2
13	1.93±0.2	2.73±0.2	2.53±0.2	2.33±0.2
10	2.69±0.25	3.49±0.25	3.29±0.25	3.09±0.25
9	3±0.25	4±0.25	3.8±0.25	3.4±0.25

Part Number Table

Description	Part Number
PTFE Teflon Tube, 0.71mm ID, 22AWG, Clear, 5m	MCP00034
PTFE Teflon Tube, 0.86mm ID, 20AWG, Clear, 5m	MCP00035
PTFE Teflon Tube, 1.07mm ID, 18AWG, Clear, 5m	MCP00036
PTFE Teflon Tube, 1.34mm ID, 16AWG, Clear, 5m	MCP00037
PTFE Teflon Tube, 1.5mm ID, 15AWG, Clear, 5m	MCP00038
PTFE Teflon Tube, 1.93mm ID, 13AWG, Clear, 5m	MCP00039
PTFE Teflon Tube, 2.69mm ID, 10AWG, Clear, 5m	MCP00040
PTFE Teflon Tube, 3mm ID, 9AWG, Clear, 5m	MCP00041

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