

RSTFE

Heat shrinkable Teflon Tubing

Heat Shrinkable Teflon Tube can be widely used in science & technology field, such as chemistry, mechanical industries, astronautic industry, vehicles, transformers, communications, etc.

Features

High performance for anti-corrosion (anti-acid/alkali/chemical/oil) High voltage resistant (45kv/mm)

Operating Temperature: -80°C to 260°C

Standard Color: Clear, black, etc.

Shrink ratio: 1.7:1

Shrink Temperature: >300°C



Dimensions

SIZE		AS SUPPLIED(MM)	AFTER RECOVERY(MM)	
AWG	mm	INTERANAL DIAMETER	INTERANAL DIAMETER	WALL THICKNESS
30	0.86	≥ 0.86	≤ 0.38	0.25±0.04
28	0.97	≥ 0.97	≤ 0.46	0.25±0.04
26	1.17	≥ 1.17	≤ 0.56	0.25±0.04
24	1.27	≥ 1.27	≤ 0.64	0.25±0.04
22	1.55	≥ 1.55	≤ 0.80	0.25±0.04
20	1.95	≥ 1.95	≤ 0.97	0.30±0.05
18	2.35	≥ 2.35	≤ 1.17	0.30±0.05
16	2.95	≥ 2.95	≤ 1.45	0.30±0.05
14	3.65	≥ 3.65	≤ 1.82	0.30±0.05
12	4.55	≥ 4.55	≤ 2.26	0.30±0.05
10	5.65	≥ 5.65	≤ 2.80	0.30±0.05
8	7.05	≥ 7.05	≤ 3.55	0.40±0.06

6	8.75	≥ 8.75	≤ 4.40	0.40±0.06
4	10.95	≥ 10.95	≤ 5.45	0.40±0.06
2	13.75	≥ 13.75	≤ 6.90	0.40±0.06
0	17.15	≥ 17.15	≤ 8.56	0.40±0.06

Technical Data:

Property	Test	Test data
Tensile strength / Mpa	IEC 811-1-1	19
Elongation at break %	IEC 811-1-1	200
Axial shrinkage rate	ASTM D 2671	±15% maximum
Secant factor/Mpa	ASTM D 2671	750 maximum
Anti-aging at hightemperature (300°C,168 h)	IEC811-1-2	No Cracking, no flow
Adaptability at lowtemperature	ASTM D 2671	Minus 65, no cracking
Insulation force	VDE 0303 Part 2	26KV/mm
Volume resistance $\Omega.cm$	VDE 0303 Part 3	10^{19}
Corrosion resistance	ASTM D 2671	Nocorrosion
Chemical resistance	ASTM D 2671	Nocorrosion
Chemical resistance		good
Corrosion resistance	VDE 0472	0.07%

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