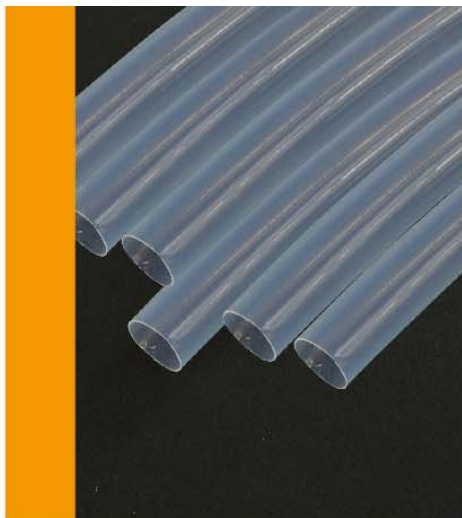




S5 PTFE Heat Shrink Tube

Features

- Semi-rigid, cross-linked PTFE
- Exceptional electrical properties
- High flame retardant
- High temperature protection
- Operating temperature: -80~260 °C
- Shrink temperature: 350 °C
- Shrink Ratio : 1.7:1

Dimensions

Reference UPM S5 PTFE	As supplied(mm) ID min.	After recovered(mm) ID max. WT nom.	Standard length m
0.5	0.7±0.2	0.4 0.20	200
1.0	1.0±0.2	0.5 0.20	200
1.5	1.5±0.2	0.9 0.20	200
2.0	2.0±0.2	1.3 0.20	200
2.5	2.5±0.2	1.5 0.20	200
3.0	3.0±0.2	1.8 0.20	200
3.5	3.5±0.2	2.0 0.20	100
3.8	3.8±0.2	2.0 0.20	100
4.0	4.0±0.3	2.5 0.25	100
4.5	4.5±0.3	2.8 0.25	100
5.0	5.0±0.3	3.0 0.25	100
6.0	6.0±0.3	3.8 0.25	100
7.0	7.0±0.3	4.0 0.25	100
8.0	8.0±0.3	4.8 0.25	1
9.0	9.0±0.3	5.0 0.30	1

- ID=Internal Diameter
- WT=Wall Thickness

Technical Data

	Property	Test Method	Values
Physical	Density	ASTM D792	2.10~2.29
	Water absorption	ASTM D570	≤0.1%
	Tensile strength	ASTM D2671	≥17MPa
	Breakdown elongation	ASTM D2671	≥200%
	Hardness Shore D	ASTM D785	50-60 HD
	Heat shock(400°C/4hrs)	ASTM D 2671	No drop/No flow
	Low temperature flexibility(-65°C/4hrs)	ASTM D 2671	No cracking
Electrical	Volume resistivity	ASTM D 2671	≥10 ¹⁸ Ω.cm
	Dielectric strength	ASTM D2671	≥25 KV/mm
Chemical	Flammability	ASTM D2671	Not flammable
	Organic dissolvent resistance	ASTM D543	No change
	Effect by the sunshine	--	No

Typical application

- Specially used in the surroundings of extreme electricity, chemistry and heat

Ordering

- Standard color : Clear.
- Standard packaging on spools and/or 1m/pc.
- Please specify specification, color, quantity when ordering

Cross reference

- Raychem/Tvco : RW-175/ TFE



<http://www.Union-Polymer.com>
 Phone: (513) 899 1618
 Email: Info@Union-Polymer.com