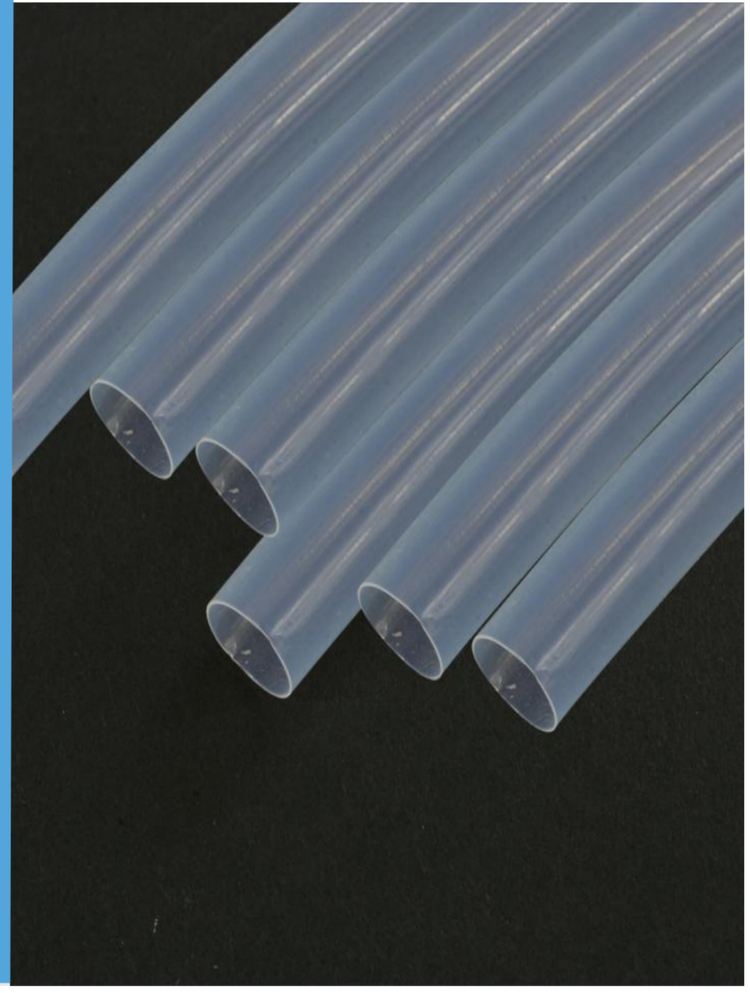


Special Heat Shrink Parts

S5-PTFE　PTFE Heat Shrink Tube

Introduction

A flame retardant,rigid, very thin wall insulation tube . Suitable for applications requiring high-temperature performance, outstanding abrasion and cut-through resistance, superior chemical and solvent resistance properties. Transparent tubing for easy see-through inspection.

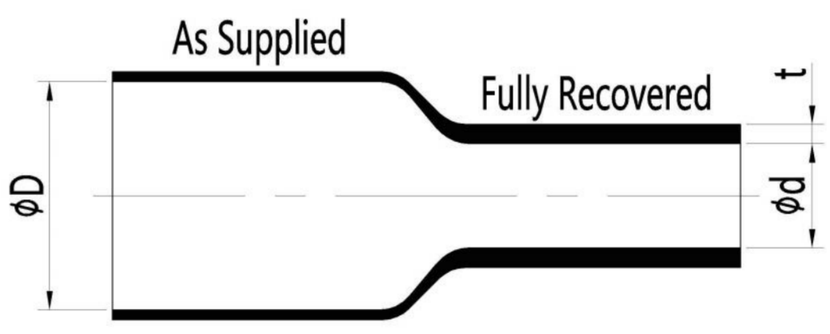
Feature

- Operating temperature: -55 to 250°C
- Minimum full recovery temperature: 350°C
- Excellent solvent and abrasion resistance
- Shrink ratio: 1.7:1
- Standard Color: Clear
- Excellent flame retardant

Dimension

Part No. S5-PTFE	As supplied(mm)	After recovered(mm)		Standard length m/roll
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t	
0.9/0.5	0.9	0.5	0.23±0.05	200
1.1/0.6	1.1	0.6	0.25±0.05	200
1.2/0.7	1.2	0.7	0.25±0.05	200
1.4/0.8	1.4	0.8	0.30±0.05	200
1.5/1.0	1.5	1.0	0.30±0.05	122
1.9/1.2	1.9	1.2	0.30±0.05	122
2.3/1.6	2.3	1.6	0.30±0.05	122
3.0/1.8	3.0	1.8	0.30±0.05	61
3.8/2.3	3.8	2.3	0.30±0.05	61
4.8/2.8	4.8	2.8	0.30±0.05	61
6.1/3.6	6.1	3.6	0.38±0.10	30.5
7.6/4.5	7.6	4.5	0.38±0.10	30.5
9.4/5.7	9.4	5.7	0.38±0.10	30.5
10.9/7.1	10.9	7.1	0.38±0.10	15.2
11.9/8.8	11.9	8.8	0.38±0.10	15.2

Ordering Note: Please order according to "model-specification-color", such as S5-PTFE-9.5/5.7-X
Color: Clear (-X)



Technical Data

Property	Test Method	Requirement
Density	ASTM D2671	⩽2.20 g/cm^3
Longitudinal Change	ASTM D2671	-20% to +20%
Restricted recovery	350°C/5min	No cracking
Water absorption	23°C/24h	⩽0.01%
Tensile strength	50mm/min	⩾17.3 MPa
Ultimate elongation	50mm/min	⩾200%
Dielectric strength	--	⩾31.5 kV/mm
Dielectric Voltage Withstand	AC 2500V, 60s	No breakdown
Volume resistivity	--	⩾1×10^{18} Ω·cm
Fluid Resistance	23°C/24h	
Tensile strength		⩾17.3 Mpa
Ultimate Elongation		⩾200%
Dielectric Strength		⩾31.5 kV/mm
Flammability	--	Self-extinguish not more than 15s
Copper corrosion (160°C/16h)	250°C/16h	No corrosion
Heat shock	400°C/4h	No dripping, flowing or cracking
Heat aging	350°C/96h	
Tensile strength	50mm/min	⩾17.3 Mpa
Ultimate Elongation	50mm/min	⩾200%
Dielectric Strength	--	⩾31.5 kV/mm
Low-temperature flexibility	-65°C/4h	No cracking
Thermal cycling	-55°C to 250°C	
Tensile strength		⩾17.3 Mpa
Ultimate Elongation		⩾100%
Dielectric Strength		⩾31.5 kV/mm
Fungus Resistance	ASTM G21	No growth