



TZRS-PTFE260 (1.7X 4X)

Teflon PTFE Heat Shrink Tubing



Description

A highly flame retardant heat shrinkable tubing manufactured from modified PTFE Provides insulation and mechanical protection in severe chemical and thermal environments Thin wall, high shrink ratio, flexible and transparent Major uses: electrical insulation, protection of electronic components, covering of hydraulic hose and couplings, prevention against contamination and corrosion High mechanical strength and extremely low coefficient of friction make it ideal for reducing damage to bearing shafts etc.

Features

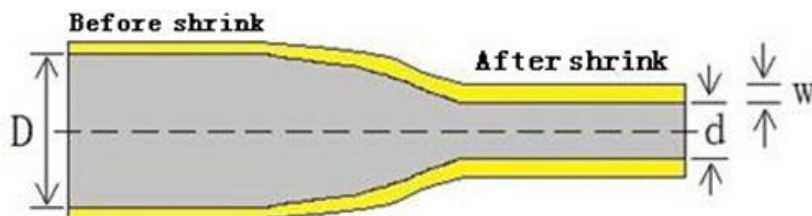
- Continuous operating temperature: -65°C~260°C
- Resistant to corrosion, strong acid, strong base, chemical reagents, and oil etc
- Excellent Dielectric Insulation Properties
- Excellent electrical performance that does not change with the temperature and frequency
- Excellent mechanical performance, shock proof, high elasticity
- Ultra low friction coefficient, highly flame retardant
- Flammability: VW-1
- Shrink Ratio: 1.7:1, 4:1
- Standard color: clear/transparent



Technical Performance

Property	standard	Test data
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
copper corrosion	Pass	UL 224
water absorption	$< 0.1\%$	ASTM D 570

Structure





Dimensions(1.7:1)

Size	As supplied D(mm)	After full recovered (mm)		Standard Package (M/roll, M/pcs)
		Diameter d	Wall thickness w	
Φ1.0	1.0±0.2	≤0.5	0.20±0.05	200
Φ1.5	1.5±0.2	≤0.9	0.20±0.05	200
Φ2.0	2.0±0.2	≤1.3	0.20±0.05	200
Φ2.5	2.5±0.2	≤1.5	0.20±0.05	200
Φ3.0	3.0±0.2	≤1.8	0.20±0.05	200
Φ3.5	3.5±0.2	≤2.0	0.25±0.05	100
Φ4.0	4.0±0.3	≤2.5	0.25±0.05	100
Φ4.5	4.5±0.3	≤2.8	0.25±0.05	100
Φ5.0	5.0±0.3	≤3.0	0.25±0.05	100
Φ6.0	6.0±0.3	≤3.8	0.25±0.05	100
Φ7.0	7.0±0.3	≤4.0	0.25±0.05	100
Φ8.0	8.0±0.3	≤4.8	0.25±0.05	1.0
Φ9.0	9.0±0.3	≤5.0	0.30±0.05	1.0
Φ10.0	10.0±0.3	≤5.8	0.30±0.05	1.0
Φ11.0	11.0±0.3	≤6.4	0.30±0.05	1.0
Φ12.0	12.0±0.3	≤7.0	0.30±0.05	1.0



$\Phi 13.0$	13.0 \pm 0.3	≤ 7.5	0.35 \pm 0.05	1.0
$\Phi 14.0$	14.0 \pm 0.3	≤ 8.0	0.35 \pm 0.05	1.0

Dimensions(4:1)

Size	As supplied D(mm)	After full recovered (mm)		Standard package (M/Roll, M/Pcs)
		ID d	wall thickness w	
$\Phi 2.0$	≥ 2.0	≤ 0.46	0.25 \pm 0.05	200
$\Phi 2.5$	≥ 2.5	≤ 0.50	0.25 \pm 0.05	200
$\Phi 3.0$	≥ 3.0	≤ 0.66	0.25 \pm 0.05	200
$\Phi 3.5$	≥ 3.5	≤ 0.68	0.30 \pm 0.05	100
$\Phi 4.0$	≥ 4.0	≤ 0.81	0.35 \pm 0.05	100
$\Phi 4.5$	≥ 4.5	≤ 0.98	0.40 \pm 0.05	100
$\Phi 5.0$	≥ 5.0	≤ 1.23	0.40 \pm 0.05	100

Non-standard dimensions, larger or smaller, please contact us.