

Heat Shrinkable Tube

TECHNICAL DATASHEET

SNOWLITE[®]

Heat Shrinkable Tube



Heat Shrinkable Tubes provide a reliable and rugged solution for insulating, protecting, and repairing electrical cables. Made from high quality polyolefin, they offer excellent mechanical and electrical performance, flexibility, and fast shrinkage, making them ideal for professional cable management and color coding applications.

FEATURES

- Made from polyolefin material with excellent mechanical and electrical properties.
- Flame retardant and zero halogen for enhanced safety.
- Rated for 600V electrical applications.
- Complete shrinkage temperature of 100°C for effective sealing.
- Maximum operating environment temperature up to 125°C.
- Single wall construction for uniform and reliable insulation.



Property	Data	Condition
Tensile Strength	≥12MPa	
Tensile Strength After Aging	≥10MPa	
Elongation	≥300%	
Elongation After Aging	≥250%	158°C / 168 hrs
Longitudinal Change	<± 5%	
Radial Shrinking Ratio	>50%	
Flammability	VW-1	
Dielectric Strength	>12kV/mm	
Volume Resistivity	≥10 ¹⁴ Ω.cm	
Corrosion	No Corrosion	
Copper Stability	No Obvious Corrosion	158°C / 168 hrs
Concentricity	>65%	

Model No.	As Supplied			After recovery		
	Inside Diameter		Wall Thickness	Inside Diameter		Wall Thickness
	(D)		(T)	(d)		(t)
	mm	inch	mm	mm	inch	mm
Φ1	1.0	0.0394	0.175±0.05	0.5	0.0197	0.35±0.08
Φ1.5	1.5	0.0591	0.175±0.05	0.75	0.0295	0.35±0.08
Φ2	2.0	0.0787	0.19±0.05	1.0	0.0394	0.38±0.08
Φ2.5	2.5	0.0984	0.20±0.05	1.25	0.0492	0.40±0.08
Φ3	3.0	0.1181	0.225±0.05	1.5	0.0591	0.40±0.08
Φ4	4.0	0.1575	0.225±0.05	2.00	0.0787	0.45±0.08
Φ5	5.0	0.1969	0.225±0.05	2.5	0.0984	0.45±0.08
Φ6	6.0	0.2362	0.225±0.05	3.0	0.1181	0.45±0.08
Φ7	7.0	0.2756	0.225±0.05	3.5	0.1378	0.45±0.08
Φ8	8.0	0.3150	0.225±0.05	4.0	0.1575	0.45±0.08
Φ9	9.0	0.3543	0.25±0.05	4.5	0.1772	0.50±0.08
Φ10	10.0	0.3937	0.25±0.05	5.0	0.1969	0.50±0.08
Φ12	12.0	0.4724	0.25±0.05	6.0	0.2362	0.50±0.08
Φ14	14.0	0.5512	0.275±0.06	7.0	0.2756	0.55±0.10
Φ16	16.0	0.6299	0.30±0.06	8.0	0.3150	0.60±0.10
Φ18	18.0	0.7087	0.30±0.06	9.0	0.3543	0.60±0.10
Φ20	20.0	0.7874	0.325±0.06	10.0	0.3937	0.65±0.10
Φ22	22.0	0.8661	0.325±0.06	11.0	0.4331	0.65±0.10
Φ25	25.0	0.9843	0.35±0.06	12.5	0.4921	0.70±0.10
Φ28	28.0	1.1024	0.40±0.06	14.0	0.5512	0.80±0.10
Φ30	30.0	1.1811	0.40±0.06	15.0	0.5906	0.80±0.10
Φ35	35.0	1.3780	0.425±0.10	17.5	0.6890	0.85±0.15
Φ40	40.0	1.5748	0.425±0.10	20.0	0.7874	0.85±0.15
Φ50	50.0	1.9685	0.425±0.10	25.0	0.9843	0.85±0.15
Φ60	60.0	2.3622	0.45±0.10	30.0	1.811	0.90±0.15
Φ70	70.0	2.7559	0.45±0.10	35.0	1.3780	0.90±0.15
Φ80	80.0	3.1496	0.45±0.10	40.0	1.5748	0.90±0.15
Φ90	90.0	3.5433	0.50±0.10	45.0	1.7717	1.00±0.15
Φ100	100.0	3.9370	0.55±0.10	50.0	1.9685	1.10±0.15
Φ120	120.0	4.7244	0.60±0.10	60.0	2.3622	1.20±0.15
Φ150	150.0	5.9055	0.65±0.10	75.0	2.9528	1.30±0.15