

ZRG Low Voltage Heat Shrinkable Bus-Bar Tubing

- Flammability: VW-1;
- Heat-resisting: Operating temperature can be as high as 125°C;
- Low temperature withstand: No cracking down to -55°C;
- Safety: Shorten phase spacing & ground clearance for power distribution system;
- Convenience: Continuous tubing to meet different lengths of bus-bar;
- Easy marking: multiple colors.

Specifications

Size (mm)	I.D. as supplied (mm)	After recovery		Len.(m) per roll
		I.D.(mm)	Wall (mm)	
60.0/30.0	> 60.0	< 30.0	1.0±0.2	25
70.0/35.0	> 70.0	< 35.0	1.1±0.2	25
80.0/40.0	> 80.0	< 40.0	1.1±0.2	25
90.0/45.0	> 90.0	< 45.0	1.2±0.2	25
100.0/50.0	> 100.0	< 50.0	1.2±0.2	25
120.0/60.0	> 120.0	< 60.0	1.2±0.2	25
150.0/75.0	> 150.0	< 75.0	1.2±0.2	25
200.0/60.0	> 200.0	< 60.0	1.2±0.2	(*)

1. Standard Colors: BLACK, RED, YELLOW, GREEN, BLUE, WHITE;

2. For sizes less than 60.0 mm, please select DRS.

(*) The length is 1.0 meter per piece.

Technical Data

Property	Condition	Performance
Tensile strength		≥ 12MPa
Elongation		≥ 400%
Tensile Strength after Aging	7 Days Air Oven at 158°C	≥ 10MPa
Elongation after Aging		≥ 300%
Deformation Test	131°C, 1h	≤ 25%
Heat Shock Test	250°C, 4h	No Cracking
Flexibility Test	7 Days Air Oven at 158°C	No Cracking, No Permanent Deformation
Conductor Corrosion		No Corrosion
Volume Resistivity		≥ 10 ¹⁴ Ω·cm
Dielectric Withstand		2.5KV 60s, No Breakdown
Breakdown Voltage		≥ 12 KV
Dielectric Strength		≥ 25KV/mm
Dielectric Withstand after Aging	7 Days Air Oven at 158°C	2.5KV 60s, No Breakdown
Breakdown Voltage after Aging		≥ 12 KV
Cold Bend Test	-30°C, 1h	No Cracking
Longitudinal Change	3 min Air Oven at 200°C	± 10%
Eccentricity		≤ 30%
Flammability		VW-1
Full Shrinkage Temperature	3 min	100°C