



## MPRS-LV

### Low Voltage Heat Shrink Busbar Sleeve



#### Description

**MPRS-LV** Low Voltage Heat shrink busbar sleeve, a kind of continuous tube shape material made of radiation cross-linked polyolefin, carry excellent insulating performance. Typical applications include insulation of electrical bus bar rated up to 1KV or higher voltage ratings, rectangular, square and round bus bars, inline bolted connections of rectangular bus bars, copper or aluminum bus bars, metal-clad switchgear, metal-enclosed bus bar, substation switchgear etc.

#### Features

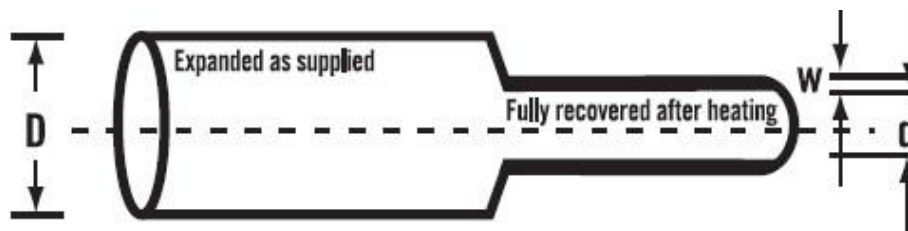
- Shrink ratio: 2:1
- Tracking resistant, low smoke emitting, high strength, flexible, flame retardant
- Min. shrink temperature:  $\geq 84$  °C
- Min. full recovery temperature:  $\geq 120$  °C
- Continuous operating temperature:  $-55 \sim 125$  °C
- RoHS compliant
- Standard Package: Black, White, Red, Yellow, Green, Blue. More colors are available upon request.



## Technical Performance

Property	Typical Data	Test Method
Tensile strength	≥10.4MPa	ASTM D 2671
Elongation at break	≥200%	ASTM D 2671
Tensile strength after heat ageing	≥7.3MPa	158°C×168h
Elongation after heat ageing	≥100%	158°C×168h
Longitudinal change	-5% ~ +5%	ASTM D 2671
Flammability(Oxygen index)	VW-1	ASTM D 2671 C
Heat Shock	No Tracks	250°C×4h
Dielectric Strength	≥15kV/mm	ASTM D 149
Dielectric Strength	≥10 <sup>14</sup> Ω.cm	IEC 60093

## Structure





## Dimensions(2:1)

Size ( mm )	As supplied D(mm)	After full recovered (mm)		Standard Package (M/Roll)
		Diameter d	Wall thickness w	
Φ30.0/15.0	31.5±1.0	≤15.0	1.00±0.15	50
Φ35.0/17.5	36.5±1.0	≤17.5	1.00±0.15	50
Φ40.0/20.0	41.5±1.0	≤20.0	1.00±0.15	50
Φ50.0/25.0	≥50	≤25.0	1.10±0.15	25
Φ60.0/30.0	≥60	≤30.0	1.20±0.15	25
Φ70.0/35.0	≥70	≤35.0	1.30±0.15	25
Φ80.0/40.0	≥80	≤40.0	1.30±0.20	25
Φ90.0/45.0	≥90	≤45.0	1.30±0.20	25
Φ100/50.0	≥100	≤50.0	1.30±0.20	25
Φ120/60.0	≥120	≤60.0	1.30±0.20	25
Φ150/75.0	≥150	≤75.0	1.30±0.20	25
Φ180/90.0	≥180	≤90.0	1.30±0.20	25
Φ210/105.0	≥210	≤105.0	1.30±0.30	25
Φ230/115.0	≥230	≤115.0	1.30±0.30	25
Φ250/125.0	≥250	≤125.0	1.30±0.30	25
Φ300/150.0	≥300	≤150.0	1.30±0.30	25

Packaging: Standard packaging on spools or in 1m lengths.

Other: Other cut lengths are available, please contact our sales department.