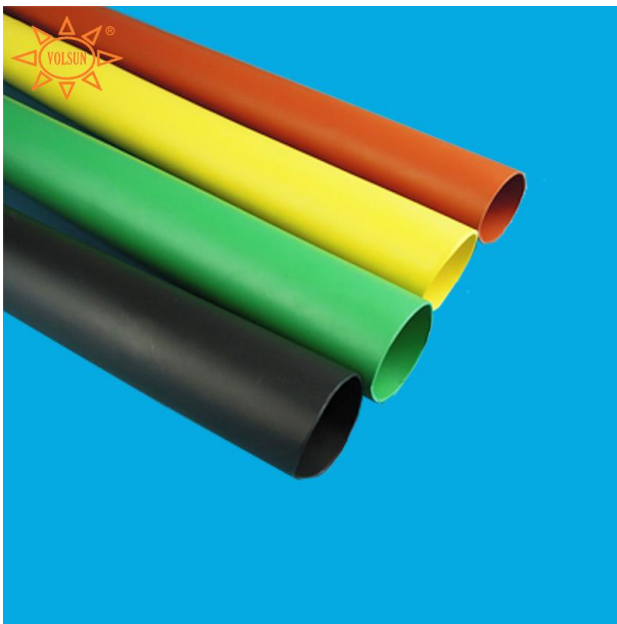




## MPRS-MV

### Medium Voltage Heat Shrink Busbar Sleeve



#### Description

**MPRS-MV** Medium 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 24KV 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

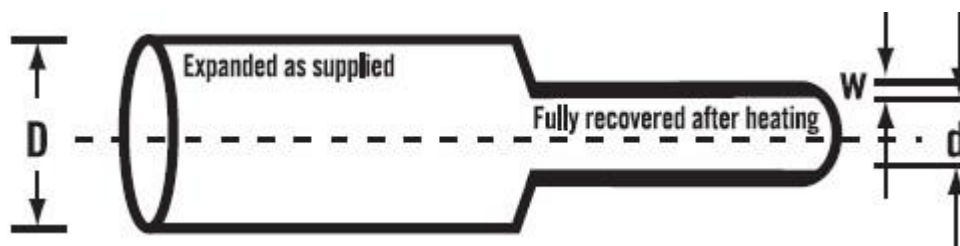
- Shrink ratio: 2.5:1
- Tracking resistant, low smoke emitting, high strength, flexible, flame retardant
- Min. shrink temperature:  $\geq 84^{\circ}\text{C}$
- Min. full recovery temperature:  $\geq 120^{\circ}\text{C}$
- Continuous operating temperature:  $-55^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- 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	≥8.0MPa	ASTM D 2671
Elongation at break	≥300%	ASTM D 2671
Tensile strength after heat aging	≥6.9MPa	130°C×168h
Elongation after heat ageing	≥100%	130°C×168h
Longitudinal change	-8% ~ +8%	ASTM D 2671
Flammability(Oxygen index)	≥28	GB/T 2406
Heat Shock	No tracks	JB 7829
Dielectric Strength	≥20kv/mm	ASTM D 149
Shore A Hardness	≤90	GB2411
Volume resistivity	≥10 <sup>14</sup> Ω.cm	IEC 60093

## Structure





## Dimensions

Size(mm)	As supplied D(mm)	After full recovered (mm)		Standard package (M/Roll)
		Inner diameter d	Wall thickness w	
Φ15/6	≥15	≤6.0	2.5±0.20	50
Φ20/8	≥20	≤8.0	2.5±0.20	50
Φ25/10	≥25	≤10.0	2.5±0.20	50
Φ30/12	≥30	≤12.0	2.5±0.20	25
Φ40/16	≥40	≤16.0	2.8±0.30	25
Φ50/20	≥50	≤20.0	2.8±0.30	25
Φ65/26	≥65	≤26	2.8±0.30	25
Φ75/30	≥75	≤30	2.8±0.30	25
Φ85/34	≥85	≤34	2.8±0.30	25
Φ100/40	≥100	≤40	2.8±0.30	25
Φ120/48	≥120	≤48	2.8±0.30	25
Φ150/60	≥150	≤60	2.8±0.30	25
Φ180/72	≥180	≤72	2.8±0.30	25
Φ210/84	≥210	≤84	2.8±0.30	20
Φ230/92	≥230	≤92	2.8±0.30	20
Φ250/100	≥250	≤100	2.8±0.30	20
Φ300/120	≥300	≤120	2.8±0.30	15



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