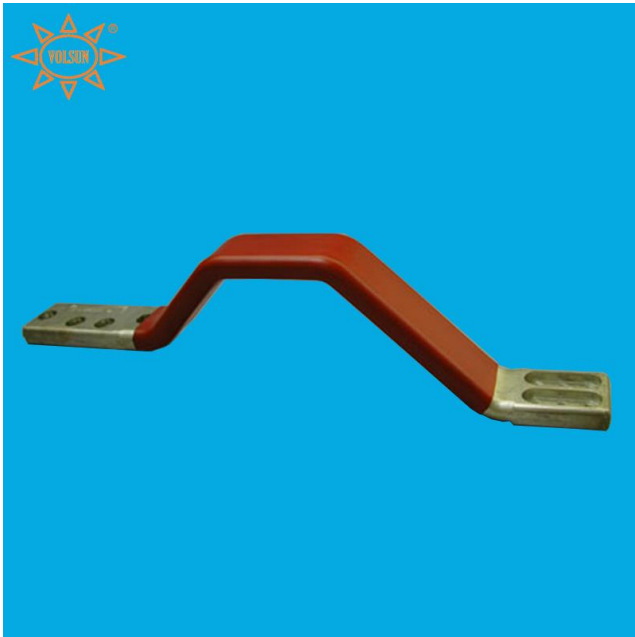




MPRS-HV

High Voltage Heat Shrink Busbar Sleeve



Description

MPRS-HV High 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 36KV 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

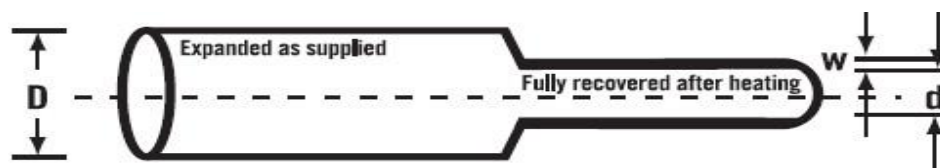
- Shrink ratio: 2:1
- Tracking resistant, low smoke emitting, high strength, flexible, flame retardant
- Min. shrink temperature: $\geq 84^{\circ}\text{C}$
- Min. full recovery temperature: $\geq 120^{\circ}\text{C}$
- Continuous operating temperature: $-55 \sim 125^{\circ}\text{C}$
- RoHS compliant
- Standard Colors :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 ageing	≥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 cracking	JB 7829 supplement D
Dielectric Strength	≥20kv/mm	ASTM D 149
Shore A Hardness	≤90	GB2411
Volume resistivity	≥10 ¹⁴ Ω.cm	IEC 60093

Structure



Dimensions



Size(mm)	As supplied(mm) D	After recovered (mm)		Standard length
		Inner diameter d	Wall thickness w	(M/spool)
Φ30/15	≥30	≤15	4.0±0.30	15
Φ40/20	≥40	≤20	4.0±0.30	15
Φ50/25	≥50	≤25	4.0±0.30	15
Φ65/33	≥65	≤33	4.0±0.30	15
Φ75/38	≥75	≤38	4.0±0.30	15
Φ85/43	≥85	≤43	4.0±0.30	15
Φ100/50	≥100	≤50	4.0±0.30	15
Φ120/60	≥120	≤60	4.0±0.30	15
Φ150/75	≥150	≤75	4.0±0.30	15
Φ180/90	≥180	≤90	4.0±0.30	15
Φ210/105	≥210	≤105	4.0±0.30	15
Φ230/115	≥230	≤115	4.0±0.30	15
Φ250/125	≥250	≤125	4.0±0.30	15
Φ300/150	≥300	≤150	4.0±0.30	15

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

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