

Heat Shrink Bus Bar Joint Cover

Product introduction:

Busbar Joint Cover-BBJC is made from formulated radiation cross-linked compounds to adapt to application in bus bars up to 1kV, 10kV, 35kV.



Features:

- Halogen Free
- RoHS Compliant

Operating temperature	Minimum shrink temperature	Minimum full recovery temperature
-55°C to +105°C	90°C	110 °C

Standard Color: Red, Yellow, Green, Black.

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Technical Data:

	Property	Test Method	Typical Data
Physical	Tensile Strength	ASTM D 2671	≥11.8Mpa
	Elongation at break	ASTM D 2671	≥700%
	Longitudinal Shrinkage	UL 224	0-10 %
	Tensile Strength after Aging	UL 224 168hrs at 158°C	≥10Mpa
	Elongation after Aging	UL 224 168hrs at 158°C	≥500%
	Specific Gravity	ASTM D 792	1.2 g/cm ³
	Low Temperature Flexibility	UL 224 1hrs at -30°C	No cracking
	Flammability	VW-1	Pass
Electrical	Dielectric Strength	IEC 243	≥20kV/mm
	Volume Resistivity	IEC 93	≥10 ¹⁴ Ω.cm
Chemical	Corrosion Resistance	UL 224 168hrs at 158°C	Pass
	Copper Stability	UL 224 168hrs at 158°C	Pass
	Water Absorption	ASTM D 570	≤0.5%

Dimensions:

Part Number	Type	Main bus bar width (mm) Num. of Layers	Sub-bus bar width (mm) Num. of Layers	Bolt Height (mm)
TBBJC_I	I type	(30-125)*(1-4)	(30-125)*(1-4)	35-120
TBBJC_T	T type	(30-125)*(1-4)	(30-125)*(1-4)	35-120
TBBJC_L	L type	(30-125)*(1-4)	(30-125)*(1-4)	35-120

Note: Printing, delivery units, special sizes or colors available on request.