



HBIT

Busbar Insulation Tape



Features:

- Bus bar insulating tape
- Crosslinked polyolefin
- Good tracking resistance
- Excellent electrical insulation
- UV and weather resistance
- Operating temp.: -55°C to +105°C
- Up to 36kv
- Min. full recovery temp.: 100°C

Dimensions:

Size (mm)	As supplied (mm)	After recovered (mm)	Standard length
	Width of tape (Nom.)	Wall thickness (Min.)	
HBIT-1	25	1.0±0.1	5m or 10m
HBIT-2	50	1.0±0.1	5m or 10m
HBIT-4	100	1.0±0.1	5m or 10m

D* = Inner diameter as supplied d* = Inner diameter after recovered w* = Wall thickness after fully recovered

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥11.8 Mpa
Ultimate elongation	ASTM D 2671	≥550%
Heat aging Tensile strength Ultimate elongation	120°C, 168 hrs.	> 10 MPa > 450%
Dielectric strength	IEC 243	≥20kV/mm
Volume resistance	IEC 93	≥10 ¹³ Ω.cm
Dielectric constant	IEC250	≤3.5
Copper corrosion	ASTM D 2671/120°C, 168 hrs.	No corrosion
Water absorption	ISO 62/23°C, 14days	<0.5%
Flammability	ASTM D 2671	Self extinguish in 60 sec.

Ordering information:

Standard colors:

Red

Special colors:

N/A

Packaging:

Standard packaging in boxes