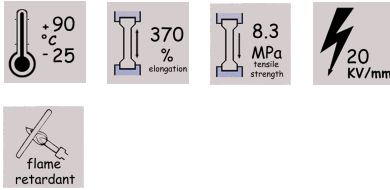


Heat Shrinkable Composite Insulation Tape

IBBT



Features

- For use up to 36kV
Overhead Lines protection.
Bus Bar Insulation
Substation Insulation Protection
Petroleum Pipe Insulation
- Flame Retardant
- Non tracking adhesive coated heat shrinkable tape specifically designed for insulating and protecting medium voltage bus bar.
- Continuous Operating Temperature: -25°C to +90°C
- Reduces bus bar clearance requirements
- Protects against accidental flash over
- Anti-tracking properties

ORDER REF NO.	ROLL WIDTH	BACKING THICKNESS RECOVERED	ROLL LENGTH
IBBT	mm	mm	m
IBBT-1	25	0.8~1.0	5
IBBT-2	50	0.8~1.0	5
IBBT-4	100	0.8~1.0	5

Other specifications available on request

Property	Test Method	Performance (Typical)
Tensile Strength	ASTM D-412, ISO 37	1200psi (8.3Mpa)
Elongation	ASTM D-412, ISO 37	370%
Heat Ageing (7 Days 175°C) Tensile Strength Elongation	ASTM D-2671 ASTM D-2671	1500psi (10Mpa) 200%
Heat Shock (4hrs @ 225°C)	ASTM D-2671	No cracking or flowing
Low Temperature Flexibility (4hrs @ -25°C)	ASTM D-2671	No cracking
Flammability	ASTM D- 2671	Pass
Electrical Properties		
Dielectric Strength	ASTM D-149	500V/mil (20kV/mm)
Surface Resistance	ASTM D-257	510x10 ⁹ Ohm-cm
Volume Resistivity	ASTM D-257	2.20x10 ¹³ Ohm-cm
Dielectric Constant	ASTM D-150	3.4
Tracking Resistance (2500V, 300min)	ANSI-37.20, ASTM D-2303	Non-Tracking
Weathering	ASTM G-53	Non-Tracking after 6000hrs
Chemical Properties		
Fluid Resistance	MIL-DTL-23053/15	Good to Excellent
Corrosion	ASTM D-2671	No Corrosion
Water Absorption	ASTM D-570	0.25%

STANDARD COLOURS		
red	yellow	green
		
Special colours available on request		

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