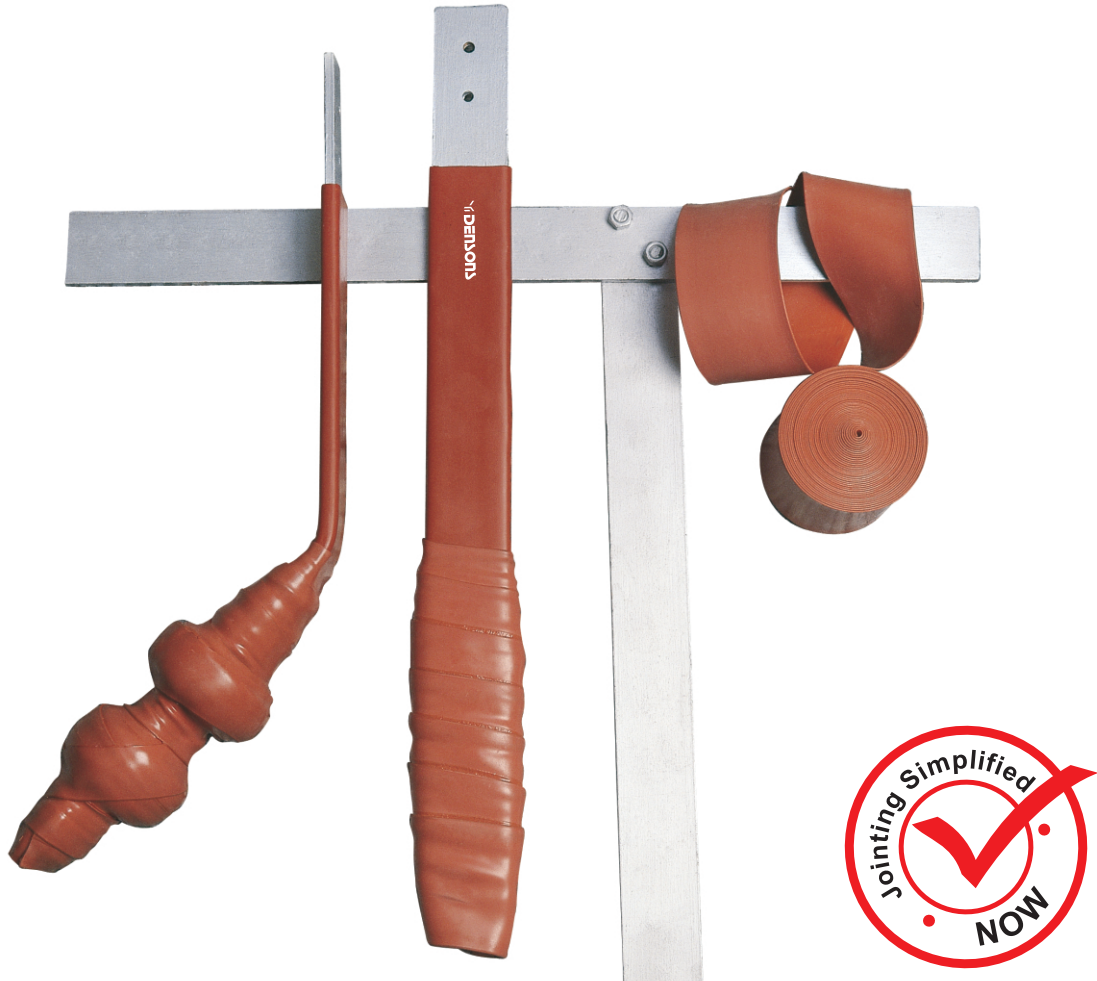


Anti-Track adhesive coated Heat Shrink Tape specially designed for insulation & protecting medium voltage bus bar upto 36 kV



DHSIT Heat Shrinkable Medium Voltage Insulation Tape

- Tested to ANSI C 37 20.2 standards for medium voltage switchgear applications to 25 kV
- Reduces bus bar clearance requirements
- Protection against accidental flashover
- Anti-Track
- Halogen Free
- Continuous operation temperature: -25°C to 130°C
- Shrink temperature: 120°C

38
Years of
Experience

34
Countries
Global
Presence

200
Plus Skilled
Manpower

4
World Class
Manufacturing
Facilities

50
Internationally
Approved
Products

DENSONS Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking, Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE**.

Medium Voltage Bus Bar Tape

for Service upto 36 kV over bolted Bus Bar

Code	Roll Width (min.)	Backing Thickness Recovered (Nom)	Roll Length
X	mm	mm	m
DHSIT - 1	25.0	1.0	5
DHSIT - 2	50.0	1.0	5

Installation Instruction

A 2/3 overlap is recommended
One layer application required upto 17 kV
Two layer application required upto 25 kV
Three layer application required upto 36 kV

Clearance with Insulation

for Service upto 36 kV over bolted Bus Bar

System Voltage	Bit kV	p to p mm	p to g mm
15 kV	95	64	74
17 kV	110	86	106
25 kV	125	114	152
36 kV	175	200	285

p to p

Phase to Phase orientation
Spacing based on metal to metal

p to g

Phase to ground orientation
Dimensions prior to insulation

Space based on insulation wall thickness per application range of above tables

Dimensions- Available in width of 25 mm & 50 mm

Technical Data:

Property	Requirements	Test Method
Physical		
Tensile Strength	8 N/mm ² (min.)	ASTM D412, ISO 37
Ultimate Elongation	200% (min.)	ASTM D412, ISO 37
Volume Resistivity	1 x 10 ¹² ohms. cm. (min.)	ASTM D257
Low Temperature Flexibility (4 hrs at -20°C)	No cracking	ASTM D2671
Flammability	Self Extinguishing	ASTM D2671
Heat Ageing (7 days at 175°C)		
Tensile Strength	7 N/mm ² (min.)	ASTM D2671
Elongation	200% (min.)	ASTM D2671
Heat Shock	No cracking or flowing	ASTM D2671
Electrical		
Dielectric Strength	10 kV/mm (min.)	ASTM D149
Dielectric Constant	3-5	ASTM D150
Tracking Resistance	Non-Tracking	ASTM D2303
Corrosion	No corrosion	ASTM D2671
Water Absorption	0.5% (max.)	ASTM D570
Adhesive		
Adhesive Softening Point	100°C	ASTM D28
Low Temperature Flexibility	-25°C	ESI0913
Tracking Resistance	Non-Tracking	ASTM D2303