

Electrical Stress Control Mastic



A pliable self amalgamating tape for electrical stress control, void and gap filling for MV power cable accessory applications. High permittivity and low loss tangent gives the mastic excellent stress controlling properties.

Now re-formulated to provide enhanced tensile strength, tack and surface appearance, the mastic is highly resistant to impregnating compounds such as M.I.N.D and Rosin Oil which are commonly used in paper insulated cables. It contains a high molecular weight plasticiser which is non extractable and therefore gives

excellent compatibility with polymeric insulated cables.

Applications

Used to control electrical stresses at the end of the outer screen in joints and terminations for polymeric cables.

Used to seal and control the stresses at the crutch of 3 core paper insulated cables in joints.

Can also be used to control stresses at other locations in joints and terminations and to fill voids and gaps.

- Excellent control of electrical stresses
- Low loss tangent
- Self amalgamating
- Good tack and adhesion to plastics and metals
- Non-toxic
- Compatible with paper and polymeric insulated cables



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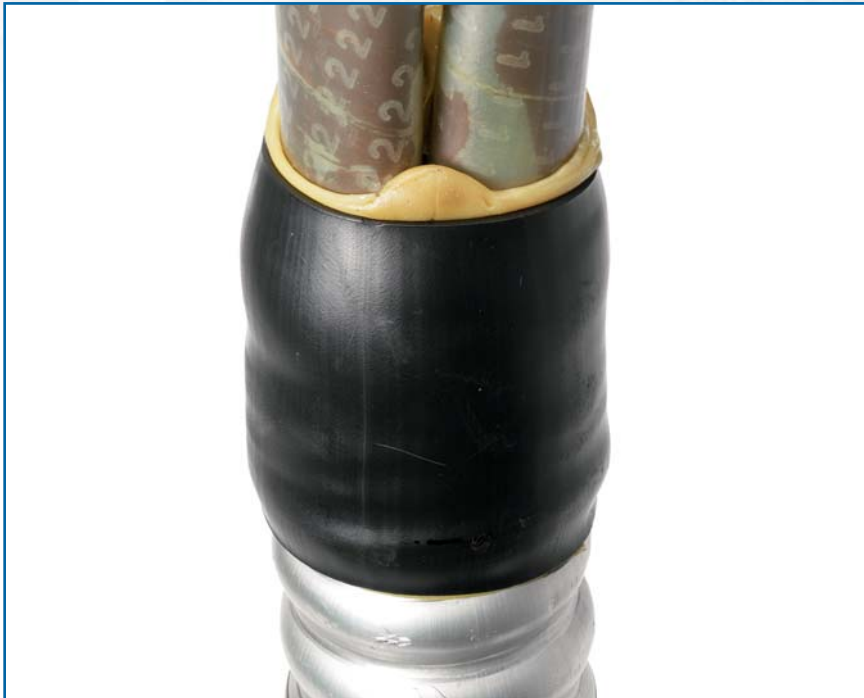
Supply

Supplied as an extruded tape of 1.65mm on an easy release substrate.

Product code 53433-14 - Prices will be quoted per metre, standard roll length will be 100M.

Available in short rolls to suit the intended application or in longer reels.

Contact us to discuss your precise requirements.



Technical Data

Density	1.3g/cm ³	ASTM D 792
Needle penetration (23°C – 100g)	40mm/10	ASTM D 5
Loss factor	0.2-0.4	
Service temperature	Up to 90°C	
Adhesion and self amalgamation	Good	
Permittivity	Min. 9	IEC 2350 (1V-1000Hz)
Dielectric strength	9 kV/mm	ASTM D 149
Volume resistivity	1 x 10 ¹⁰ Ohm.cm	ASTM D 527
Tensile strength	0.07 N/mm ²	ASTM D 638
Elongation at break	Min. 900%	ASTM D 638

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General Note The equipment detailed in this publication should be installed by a suitably qualified person. WT Henley Limited reserves the right to make changes in product specification without notice or liability. All information is subject to WT Henley's own data and is considered accurate at time of going to print.

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