Heat Shrink Rain Shed - Tri-core

GALA
Innovative Insulating Solutions

Insulshed is used to increase the surface creepage distance of the cores of cable termination without increasing the tail length. They are also used to avoid continuity during rainy season to avoid short circuiting of the electrical network.

The rainsheds are made from high quality cross-linked polyolefin material that offers exceptional non tracking behaviour, insulation and long term service reliability for indoor and outdoor applications. The creepage extension sheds are internally coated with water resistant mastic.

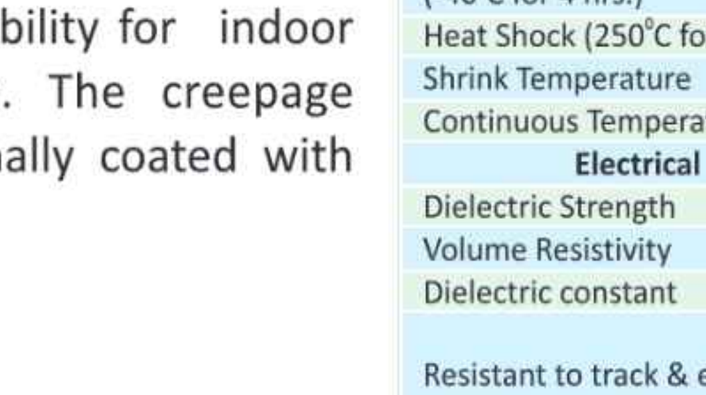
Technical Specification

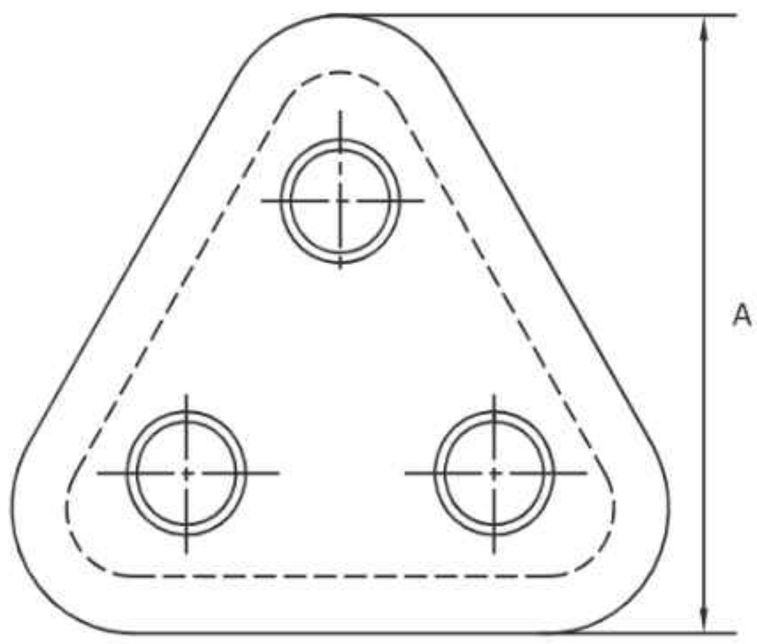
PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	12 N/mm^2 (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min)	ASTM D638
Density	1.15± 0.2 gm/cm^3	ASTM D792
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.5 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm^2 (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility (-40°C for 4 hrs.)	No Cracking	ASTM D2671
Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature	125°C	IEC 216
Continuous Temperature Limit	-40 to +100°C	IEC 216
Electrical		
Dielectric Strength	15 KV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10^{14} Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150
Resistant to track & erosion	No Tracking, erosion or flame failure upto 3.25 KV for 20 min.	ASTM D2303

Selection Chart:

Gala Code	Ø A (min.)	Ds (±3 mm)	Df (max.)	Hs (min.)	Tf (± 10%)
GRST-1	152	35	16	25	2.8
GRST-2	152	45	22	25	3.0
GRST-3	152	50	22	25	3.0

All dimensions are in mm.
D: Internal Diameter, s: as supplied, T: Thickness, H: Height, f: after free recovery.





SINCE 1979 085-CB-QMS
An ISO 9001, ISO 14001 & ISO 45001:2018 Certified Company

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