



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.

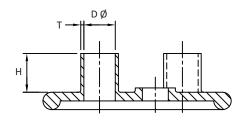
Technical Specification					
PROPERTIES	VALUE	STANDARD			
Physical					
Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D638			
Ultimate Elongation	350 % (min)	ASTM D638			
Density	1.15± 0.2 gm/cm ³	ASTM D792			
Hardness	45 ±10 Shore D	ASTM D2240			
Water absorption	0.5 % (max.)	ASTM D570			
Thermal					
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671			
Tensile Strength	11 N/mm² (Mpa) (min.)	ASTM D638			
Ultimate Elongation	300 % (min.)	ASTM D638			
Low Temperature Flexibility	No Cracking	ASTM D2671			
(-40°C for 4 hrs.)					
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			

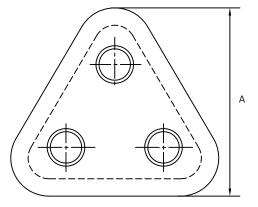
Selection Chart:

Gala	ØA	Ds	Df	Hs	Tf
Code	(min.)	(±3 mm)	(max.)	(min.)	(± 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.







GALA SHRINK FIT

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