

HEAT SHRINK CREEPAGE EXTENSION SKIRT (RAIN SHED)



Heat Shrink Creepage Extension Skirts are 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.

Selection Chart (Part - III) All dimensions are in mm

Code	$\varnothing A$	D_s	D_f	H_s	T_f
	(min)	(min)	(max)	(min)	(min)
GRS 130-1	91	36	12	17	2.6
GRS 130-1N*	90	41	12	33	2.7
GRS 130-2	124	51	21	20	3.5
GRS 130-2N*	119	55	18	40	3.7
GRS 130-3	140	67	31	24	3.5
GRS 130-3N*	135	75	28	40	3.5
GRS 130-4	140	80	35	24	3.5
GRS 130-5	140	105	35	42	3.5
GRS 130-6*	200	150	50	45	4.5

All dimensions are in mm.

D : Internal Diameter : s : as supplied : f : after free recovery.

* New Sizes

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

