



Un-screened Sealing Kit upto 11 kV



Screened Sealing Kit with Ground upto 36 kV

End Sealing Kit for RMU extensible / GIS Bushing is used to seal and insulate the ends of Bushings & also protect it from ingress of water / moisture. The caps used in End Sealing Kits are manufactured from high quality Cross-linked Non-tracking and Semiconductive Polyolefin material.

Compatible with all types of Bushings.

The caps need to be removed from the Bushings for new connections.

Screened Sealing Kit with Ground

Touch Proof Protective Cap is designed to electrically insulated and mechanically seal bushing interfaces. The cap can be used for permanent and temporary insulation on bushing, junctions.

Screened End cap is an accessory device designed to electrically insulate and mechanically seal bushings. When installed on the bushings and the drain wire is attached to ground, the Screened End cap provides a fully shielded, submersible insulating cover for energized bushings. The cap can be used for permanent or temporary installation on bushings, junctions, or feedthrough devices.

Technical Specification

PROPERTIES	VALUE	STANDARD
<b>Physical</b>		
Tensile Strength	12 N/mm <sup>2</sup> (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min)	ASTM D638
Density	1.05± 0.2 gm/cm <sup>3</sup>	ASTM D792
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.2 % (max.)	ASTM D570
<b>Thermal</b>		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm <sup>2</sup> (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 IEC
Shrink Temperature	125°C	216 IEC 216
Continuous Temperature Limit	-40 to +100°C	
<b>Electrical</b> (Applicable for Insulation Layer only)		ASTM D149
Dielectric Strength	12 kV/mm.(min)	ASTM D257
Volume Resistivity	1 x 10 <sup>10</sup> ohm.cm (min)	ASTM D150
Dielectric constant	5 (max.)	
Resistant to track & erosion	No Tracking, erosion or flame failure upto 3.25 kV for 20 min.	ASTM D2303

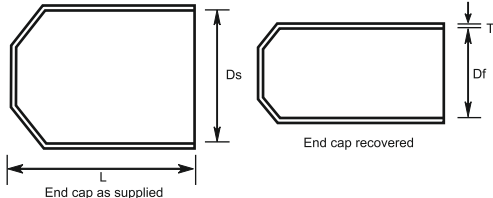
Selection Chart - Unscreened End Sealing Kit

Gala Code	Ds (Min.)	Df (Max.)	Ls (Min.)	Tf(±10%)
GEK - 401	75	35	125	4.0
GEK - 501	100	45	125	4.0

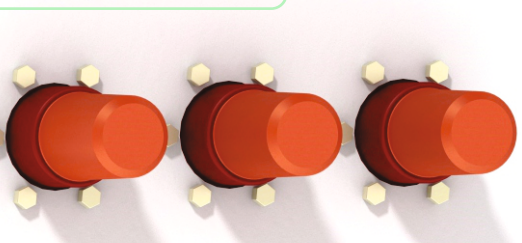
Selection Chart - Screened End Sealing Kit

Gala Code	Ds (Min.)	Df (Max.)	Ls (Min.)	Tf(±10%)
GSEK - 401	71	35	125	4.0
GSEK - 501	96	45	125	4.0

D: Internal Diameter; s: As supplied; f: free recovered; L: Length;  
T: Thickness of Insulation Layer after free recovery  
All dimensions are in mm



Unscreened End Sealing Kit



Screened End Sealing Kit

