



Silicone Interlocking Overhead Line Cover



Silicone Double Interlocking Overhead Line Cover

Gala Silicone Interlocking Overhead Line Covers are made from high quality non-tracking silicone rubber that are designed for field installation over bare conductors. These covers provide a layer of electrical insulation for Phase-to-Phase and Phase-to-Ground protection from bird and animals. It provides electrical insulation, UV resistance and tracking resistance. Provides Insulation upto 33 kV.

General Product Properties :

- High Di-electric strength
- Tracking & Erosion resistant
- Excellent UV stabilized & weather resistant
- Operating temperature ranges from -70°C to +180°C
- Prevent Conductor from Chemical corrosion effected by strong acid, alkali, salt etc.
- Halogen free
- Easy to install

Selection Chart :

Silicone Interlocking Overhead Line Cover

GSIOC-M (Upto 12kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSIOC-M 12	upto 12	2	15
GSIOC-M 15	upto 15	2	15
GSIOC-M 18	upto 18	2	15
GSIOC-M 20	upto 20	2	15
GSIOC-M 24	upto 24	2	15

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GSDIOC (Upto 33kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSDIOC-10	upto 10	3.8	15

Technical Specification*

PROPERTIES	TEST METHOD	TYPICAL VALUE
Physical		
Tensile Strength	ASTM D638	4 N/mm ² (min.)
Elongation	ASTM D638	200% (min.)
Density	ASTM D792	1.10 - 1.45 gm/cm ³
Hardness	ASTM D2240	65 ± 5 Shore A
Low Temp. Flexibility	ASTM D2671	No Cracking of material at -20°C for 4 Hrs.
Water Absorption (After 24 Hrs. at 23 Deg. C)	ASTM D570	0.5% (max.)
Thermal		
Thermal Ageing	ASTM D2671	150°C for 168 hrs.
Tensile Strength	ASTM D638	3.0 N/mm ² (min.)
Elongation	ASTM D638	100% (min.)
Electrical		
Di-electric Strength	ASTM D149	21 kV / mm (min)
Volume Resistance	ASTM D257	1 x 10 ¹⁰ Ohm. cm (min.)
Tracking and Erosion Resistance	ASTM D2303	No tracking or erosion to top surface or flame failure after 1 hr. at 2.5 kV 1 hr. at 2.75 kV 1 hr. at 2.5 kV 1 hr. at 3.0 kV 20 min. at 3.25 kV

*The above mentioned values are typical analytical values obtained on material when tested as per applicable standards under controlled laboratory conditions and should not be construed as specifications for the products.

GSIOC-H (Upto 33kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSIOC-H 12	upto 12	2.7	15
GSIOC-H 15	upto 15	2.7	15
GSIOC-H 18	upto 18	2.7	15
GSIOC-H 20	upto 20	2.7	15
GSIOC-H 24	upto 24	2.7	15

