



Gala Silicon Overhead Line Covers are made from high quality non-tracking silicon 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. The GSOC provides electrical insulation, UV resistance and tracking resistance. Silicon Self-fusing Tape can be applied on it for better insulation.

### Features & Benefits :

- ❖ Excellent UV and Ozone resistance.
- ❖ Excellent Tracking resistance.
- ❖ Good Di-electric strength.
- ❖ Protection for leads and jumpers.
- ❖ Highly flexible silicone tubing makes application easy.
- ❖ Flame Retardant.
- ❖ No special installation tool required.
- ❖ Does not require further derating conductors.
- ❖ Helps prevent contacts by eliminating gaps in coverage.
- ❖ Provides Insulation Enhancement upto 765 kV

GSOC-M for voltage level upto 12 kV  
GSOC-H for voltage level upto 36 kV  
GSOC-EH for voltage level upto 765 kV

### Technical Specification\*

PROPERTIES	TEST METHOD	TYPICAL VALUE
<b>Physical</b>		
Tensile Strength	ASTM-D-638	7N/mm <sup>2</sup> (Min.)
Elongation	ASTM-D-638	300% (Min.)
Water Absorption	ASTM-D-570	0.5 (Max)
Low Temp. Install at 0°C	-	Installable without difficulty
<b>Thermal :</b>		
Air Ageing	ASTM-D-2671	150°C for 168 hrs.
Tensile Strength	ASTM-D-638	3.5 N/mm <sup>2</sup> (Min.)
Elongation	ASTM-D-638	150% (Min.)
<b>Electrical :</b>		
Di-electric Strength	ASTM-D-149	>210 kV / cm
Volume Resistance	ASTM-D-257	1x10 <sup>13</sup> ohm cm (Min)
Tracking and Erosion Resistance	ASTM-D-2303	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

\*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 product.

### Selection Chart:

#### GSOC-M (Upto 12kV)

Gala Code	Conductor Size Sq. mm.	Conductor Size in Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-M 15	upto 185	upto 15	2.0	15
GSOC-M 20	upto 300	upto 20	2.0	15
GSOC-M 24	upto 350	upto 24	2.0	15
GSOC-M 32	upto 400	upto 32	2.0	15
GSOC-M 38	upto 800	upto 38	2.0	15

#### GSOC-EH (Upto 765kV)

Gala Code	Conductor Size Sq. mm.	Conductor Size in Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-EH15	upto 185	upto 15	5.0	15
GSOC-EH20	upto 300	upto 20	5.0	15
GSOC-EH32	upto 400	upto 32	5.0	15
GSOC-EH38	upto 800	upto 38	5.0	15

#### GSOC-H (Upto 36kV)

Gala Code	Conductor Size Sq. mm.	Conductor Size in Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-H 15	upto 185	upto 15	2.7	15
GSOC-H 20	upto 300	upto 20	2.7	15
GSOC-H 24	upto 350	upto 24	2.7	15
GSOC-H 32	upto 400	upto 32	2.7	15
GSOC-H 38	upto 800	upto 38	2.7	15

\*Self Fusing Silicone Tape Dimension in mm. 63.5 (width) x 0.76 (T)  
\* Self fusing tape required quantity depends on the conductor size



SINCE 1979 065 CB-QMS  
An ISO 9001, ISO 14001 & ISO 45001:2018 Certified Company

# GALA THERMO SHRINK PVT. LTD.

M : 88791 22705 | E: info@galathermo.com | W: www.galathermo.com