



GLC is Thin Wall Tube suitable for below applications:

GLC Series:

- Light duty wire harnessing for electrical & electronic applications.
- Provides electrical insulation and protection for in-line components.
- Used as strain relief for electrical wire connection.
- Bus-bar insulation for switchgear.

GENERAL PRODUCT PROPERTIES:

- Halogen free
- For Electrical Insulation up to 3.3 kV
- Resistance to chemical, copper corrosion and fungus
- Standard Color: Black
- Shrink ratio 2:1
- UV stabilized
- Meets RoHS Compliance



SELECTION CHART

Part Number / Size	Supplied ID (mm) (min.)	Recovered ID (mm) (max.)	Recovered Wall Thick. (mm) (±10%)	Spools Mtr./Spool	Cut Lengths 1.2Mtr./Box
GLC 6.0/3.0	6.0	3.0	0.56	100	200
GLC 7.0/3.5	7.0	3.5	0.56	100	200
GLC 8.0/4.0	8.0	4.0	0.56	100	175
GLC 10.0/5.0	10.0	5.0	0.56	100	150
GLC 12.7/6.35	12.7	6.35	0.56	100	120
GLC 14.0/7.0	14.0	7.0	0.69	100	100
GLC 16.0/8.0	16.0	8.0	0.69	100	100
GLC 18.0/9.0	18.0	9.0	0.69	100	80
GLC 20.0/10.0	20.0	10.0	0.78	100	65
GLC 25.0/12.5	25.0	12.5	0.78	50	40
GLC 30.0/15.0	30.0	15.0	0.87	50	30
GLC 40.0/20.0	40.0	20.0	0.97	50	20
GLC 50.0/25.0	50.0	25.0	0.97	25	15
GLC 60.0/30.0	60.0	30.0	0.96	25	10
GLC 70.0/35.0	70.0	35.0	1.10	25	10
GLC 80.0/40.0	80.0	40.0	1.27	25	10
GLC 100/50.0	100.0	50.0	1.17	25	5

Technical Specification

PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	10 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	200 % (min)	ASTM D638
Water absorption	0.15 % (max.)	ASTM D570
Longitudinal Change	-10% (max.)	ASTM D638
Thermal		
Operating Temperature	-55 to +125°C	IEC 216
Low Temperature Flexibility (-55°C for 4 hrs.)	No Cracking	ASTM D2671
Electrical		
Dielectric Strength	>15 kV/mm.	ASTM D2671
Di-electric Constant	5.0 (max.)	ASTM D150
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min)	ASTM D257