

COLD SHRINK EPDM TUBING



Gala Cold Shrink Tube are open ended, tubular rubber sleeves that are factory expanded and assembled onto a removable core. The core is removed after the tube has been position for installation over and inline connection, terminal lug etc. allowing the tube to shrink and form a water resistance seal. The insulating tube is made of high quality EPDM Rubber which does not contain chloride or Sulphur. Twelve diameter sizes will cover range of cable upto 1.1 kV for copper and aluminium conductor.

► Features & Benefits :

- ❖ Simple and fast installation, no tools required.
- ❖ Accommodates a wide range of cable sizes.
- ❖ The material maintains a tight seal and consistent flexibility throughout its service life
- ❖ No mastic or tape required.
- ❖ Resists acids, alkalis, and fungus.
- ❖ Good thermal stability.
- ❖ Operating temperature range -40°C to 105°C.
- ❖ Water resistance, meets the water seal requirements of ANSI C119.1.

Technical Specification*

Properties	Test Methods	Typical Value
Colour	Visual	Black
300% Modulus	ASTM D-412	3.3 MPa
Tensile Strength	ASTM D-412	9.6 MPa
Ultimate Elongation	ASTM D-412	750%
Die C Tear	ASTM D-624C	26.3 KN/m
Fungus Resistance	ASTM G-21	28 Days exposure no growth
Moisture Absorption 7 days @ 90°C H2O	Internal Method	Wt. Gain 1.8%
Dielectric Strength	ASTM D149	14 kV/mm (min)

Selection Chart :

Code No.	Ds (min.)	Df (max.)	Lf (max.)	Tf ±10%	Application Range
GCTE 20/7	20	7	500	3.4	8 - 15
GCTE 25/9	25	9	500	3.6	10 - 20
GCTE 35/11	35	11	500	3.6	12 - 30
GCTE 40/13	40	13	500	3.6	14 - 33
GCTE 53/16	53	16	500	3.6	17 - 46
GCTE 70/20	70	20	500	3.6	21 - 63
GCTE 104/28	104	28	500	3.8	29 - 94
GCTE 125/34	125	34	500	3.8	35 - 115
GCTE 150/41	150	41	500	3.8	42 - 141

Selection Chart : High shrink ratio

Code No.	Ds (min.)	Df (max.)	Lf (min.)	Tf ±10%	Application Range
GCTE 40/9	40	9	500	4.0	10 - 33
GCTE 70/17	70	17	500	4.0	18 - 63
GCTE 80/19	80	19	500	4.0	20 - 73

*All dimensions are in mm | D : Diameter | s : as supplied | f : after free recovery

