

HEAT SHRINK LOW VOLTAGE TUBING



Selection Chart

Heat Shrink Low Voltage Tubing GMW and GHW are medium wall and heavy wall black tubing.

GMW tubes are used for environmental protection of low voltage cable termination and insulating the connectors for low voltage straight through joints/splice rated upto 1.1KV. GHW tubes are used for mechanical protection and outer sealing of underground straight through cable joints/ splice upto 36KV.

These tubes are manufactured from high quality cross inked polyolefin material.

Code	D min (mm)	d max (mm)	T±10% (mm)
GMW 10/3	10	3	1.5
GMW 12/4	12	4	1.8
GMW 19/6	19	6	2.0
GMW 27/8	27	8	2.5
GMW 30/8	30	8	2.6
GMW 33/10	33	10	2.6
GMW 40/12	40	12	2.7
GMW 50/16	50	16	2.7
GMW 70/22	70	22	2.7
GMW 90/28	90	28	3.0
GMW 105/30	105	30	3.0
GMW 115/34	115	34	3.2
GMW 130/36	130	36	3.2
GMW 140/42	140	42	3.2
GMW 160/50	160	50	3.3
GMW 180/60	180	60	3.3
GMW 200/70	200	70	3.5

D,d : Internal Diameter

Code	D min (mm)	d max (mm)	T±10% (mm)
GHW 12/3	12	3	2.4
GHW 19/6	19	6	2.5
GHW 30/8	30	8	3.0
GHW 43/12	43	12	4.0
GHW 51/16	51	16	4.0
GHW 72/22	72	22	4.0
GHW 85/25	85	25	4.0
GHW 105/30	105	30	4.0
GHW 120/36	120	36	4.0
GHW 140/42	140	42	4.2
GHW 160/50	160	50	4.3
GHW 180/55	180	55	4.3
GHW 200/65	200	65	4.3

Optional hot melt adhesive lining for complete environmental protection and insulation.

Excellent resistance to weathering, UV rays, chemical and solvents.

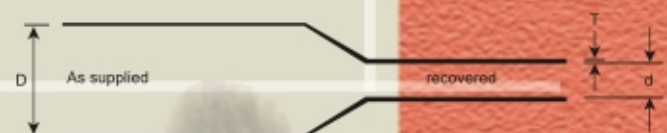
Maximum cut length available upto 1500 mm.

Custom dimensions, thickness, length & colours available on request.

Conforms to IEC 60684-3-247 standard.

Technical Specification

PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	11 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min.)	ASTM D638
Longitudinal Change	-10% (max.)	ASTM D2671
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.5 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility (-40°C for 4 hrs.)	No Cracking	ASTM D2671
Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature	125°C	IEC 216
Continuous Temperature Limit	-40 to +110°C	IEC 216
Electrical		
Dielectric Strength	12 KV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150



Ordering Information

GMW 10/3 A 1000	
Gala Code	
Size	
With Adhesive	
Length(mm)	

Technical Qualification Report : QR 1013