

HEAT SHRINK CO-EXTRUDED TUBING PREMIUM QUALITY



Selection Chart

GRMW and GRHW are Heat Shrink Co-extruded premium quality medium wall and heavy wall tubing.

These tubes are used as waterproof sealing in cable termination and joints. It is used for corrosion protection, environmental sealing and mechanical protection of pipes and pipe connections. It is also used for insulating underground & aerial connections in CATV plant, CCTV connections and in control cables splicing joints.

Code	D min (mm)	d max (mm)	T±10% (mm)	Code	D min (mm)	d max (mm)	T±10% (mm)
GRMW 12/3	12	3	1.5	GRHW 12/3	12	3	2.2
GRMW 22/6	22	6	2.0	GRHW 22/6	22	6	2.5
GRMW 27/8	27	8	2.5	GRHW 30/8	30	8	3.0
GRMW 33/10	33	10	2.5	GRHW 43/12	43	12	4.0
GRMW 40/12	40	12	2.5	GRHW 51/16	51	16	4.0
GRMW 50/16	50	16	2.5	GRHW 72/22	72	22	4.0
GRMW 63/19	63	19	2.5	GRHW 85/25	85	25	4.0
GRMW 72/22	72	22	2.5	GRHW 105/30	105	30	4.0
GRMW 92/27	92	27	3.0	GRHW 120/36	120	36	4.0
GRMW 130/36	130	36	3.0	GRHW 140/42	140	42	4.2

D,d : internal diameter ; T : Thickness

General Properties

- High shrink ratio.
- Co-extrusion technology.
- Soft & flexible.
- Fast & uniform shrinking.
- High resistant to decay, chemicals, copper corrosion & UV rays.
- Tubing with hot melt adhesive lining provides excellent waterproofing and environmental sealing.
- Standard color Black. Other colors available upon request.

- Customised dimension, thickness, length & colour available on request.
- Conforms to IEC 60684-3-247 standard.
- Also available in spool.

Technical Specification

PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	14 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	400 % (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	12 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility	No Cracking	ASTM D2671
-55°C		
Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature	>90°C	IEC 216
Continuous Temperature Limit	-55 to +110°C	IEC 216
Electrical		
Dielectric Strength	25 KV/mm.(min.)	ASTM D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min.)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150



Ordering Information

GRMW 12/3 A 1000

Gala Code _____
 Size _____
 With Adhesive _____
 Length(mm) _____

Technical Qualification Report : QR 1014