

HEAT SHRINK CO-EXTRUDED TUBING PREMIUM QUALITY



GMWR and GHWR 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.

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.

Technical Specification		
PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	12 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	(150°C for 168 hrs)	ASTM D2671
Tensile Strength	12 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 ¹² Ohm.cm (min.)	ASTM D257
Dielectric Constant	5 (max.)	ASTM D150

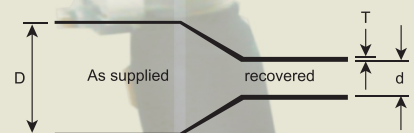
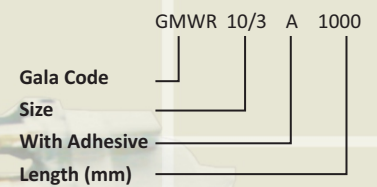
- Customised dimension, thickness, length & colour available on request.
- Conforms to IEC 60684-3-247 standard.
- Also available in spool.

Selection Chart

Code	D min (mm)	d max (mm)	T±10% (mm)
GMWR 10/3	10	3	1.5
GMWR 12/5	12	5	1.8
GMWR 19/7	19	7	2.0
GMWR 22/7	22	7	2.3
GMWR 30/9	30	9	2.6
GMWR 33/12	33	12	2.6
GMWR 40/14	40	14	2.7
GMWR 50/17	50	17	2.7
GMWR 70/25	70	25	2.7
GMWR 95/28	95	28	3.0
GMWR 105/33	105	33	3.0
GMWR 115/37	115	37	3.2
GMWR 130/39	130	39	3.2
GMWR 140/45	140	45	3.2
GMWR 160/54	160	54	3.3
GMWR 180/59	180	59	3.3
GMWR 200/64	200	64	3.5

Code	D min (mm)	d max (mm)	T±10% (mm)
GHWR 12/3	12	3	2.4
GHWR 19/7	19	7	2.5
GHWR 22/7	22	7	2.7
GHWR 30/9	30	9	3.0
GHWR 33/12	33	12	3.0
GHWR 40/14	40	14	4.0
GHWR 50/18	50	18	4.0
GHWR 70/25	70	25	4.0
GHWR 95/28	95	28	4.0
GHWR 105/33	105	33	4.0
GHWR 115/37	115	37	4.0
GHWR 130/39	130	39	4.0
GHWR 140/45	140	45	4.2
GHWR 160/54	160	54	4.3
GHWR 180/59	180	59	4.3
GHWR 200/64	200	64	4.5

Ordering Information



Technical Qualification Report : QR 1014

D,d : internal diameter ; T : Thickness