



Heat Shrinkable Tubes/Heat Shrink Sleeves

Medium / Heavy Wall Tubes - Insultube Commercial



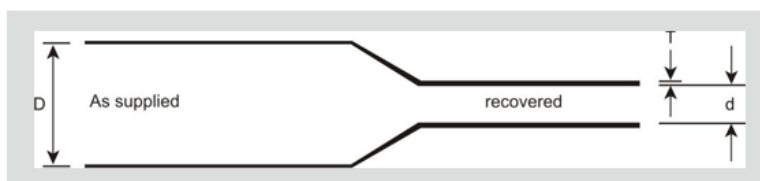
Insultube is Heat shrink Medium & Heavy wall tubing. Medium wall tubes (GMW) are used for environmental protection of low voltage cable termination and insulating the connectors for low voltage straight through joints / splice rated upto 3.3kV. Heavy wall tubes (GHW) are used for mechanical protection and outer sealing of underground straight through cable joints / splice upto 36kV. These tubes are manufactured from high quality cross inked polyolefin material.

Optional hot melt adhesive for complete environmental protection and insulation, according to IP 68 (Ingress Protection.)

Conforms to IEC 60684-3-247 standard.
Halogen Free.
Excellent resistance to weathering, UV rays,

Custom dimensions, thickness, length & colours

Maximum cut length available - 1200 mm. for GMW / GHW series.



Ordering Information	
Gala Code	GMW 10/3 U FR 1000
Size	_____
Without Adhesive	_____
Flame Retardant	_____
Length(mm)	_____

SELECTION CHART

All dimensions are in mm

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 16/5*	16	5	2.0
GMW 19/6	19	6	2.0
GMW 22/6	22	6	2.3
GMW 25/8	25	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 65/19*	65	19	2.7
GMW 70/22*	70	22	2.7
GMW 75/22	75	22	2.7
GMW 95/25*	95	25	3.0

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 22/6	22	6	2.7
GHW 25/8	25	8	2.8
GHW 30/8	30	8	3.0
GHW 33/10*	33	10	3.0
GHW 40/12	40	12	4.0
GHW 50/16*	50	16	4.0
GHW 65/19*	65	19	4.0
GHW 70/22*	70	22	4.0
GHW 75/22	75	22	4.0
GHW 95/25*	95	25	4.0
GHW 105/30	105	30	4.0
GHW 115/34*	115	34	4.0

Modelo	Comprimento	Diâmetro inicial	Diâmetro após retração	Espessura após a retração
MWA-2 - 8/2	1000 mm	≥ 8,0 mm	≥ 2,0 mm	1,4 mm
MWA-2 - 12/3	1000 mm	≥ 12,0 mm	≥ 3,0 mm	1,4 mm
MWA-2 - 16/5	1000 mm	≥ 16,0 mm	≥ 5,0 mm	1,5 mm
MWA-2 - 22/6	1000 mm	≥ 22,0 mm	≥ 6,0 mm	2,0 mm
MWA-2 - 25/8	1000 mm	≥ 25,0 mm	≥ 8,0 mm	2,4 mm
MWA-2 - 30/8	1000 mm	≥ 30,0 mm	≥ 8,0 mm	2,4 mm
MWA-2 - 40/12	1000 mm	≥ 40,0 mm	≥ 12,0 mm	2,4 mm
MWA-2 - 55/16	1000 mm	≥ 55,0 mm	≥ 16,0 mm	2,5 mm
MWA-2 - 65/19	1000 mm	≥ 65,0 mm	≥ 19,0 mm	2,9 mm
MWA-2 - 75/22	1000 mm	≥ 75,0 mm	≥ 22,0 mm	2,9 mm
MWA-2 - 95/25	1000 mm	≥ 95,0 mm	≥ 25,0 mm	3,0 mm
MWA-2 - 115/34	1000 mm	≥ 115,0 mm	≥ 34,0 mm	3,0 mm
MWA-2 - 140/42	1000 mm	≥ 140,0 mm	≥ 42,0 mm	3,1 mm

1) Material:

- Fabricado em poliolefina reticulada, com adesivo termofusível para garantia de uma maior estanquidade e isolamento elétrico.

TECHNICAL SPECIFICATION

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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
Density	1.0 ± 0.2 gm/cm ³	ASTM D792
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
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°C 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
<p>Weathering: The material from which Medium and Heavy wall tubings are manufactured contains carbon b protect it from UV light.</p>		