



ELECTRICAL
MECHANICAL
INSULATION

GANUSA
EMI



Medium Wall
Crosslinked Polyolefin

CFM



CFM

Medium Wall Heat Shrinkable Tubing suitable for a variety of low voltage electrical and mechanical applications, where lighter weight and greater flexibility are important

Features

- Seals and protects cable splices and terminations
- High resistance to impact and abrasion
- Optional Thermoplastic Adhesive Liner for complete environmental protection and insulation
- Continuous operating temperature: -55°C to 110°C
- Shrink temperature: 120°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5MPa)
Elongation	ASTM D412, ISO 37	550%
Longitudinal Change	ASTM D2671	+1%, -10%
Specific Gravity	ASTM D792, ISO/R1183	1.1
Elongation after Heat Aging (168 hrs at 150°C)	ASTM D2671, ISO 37	500%
Heat Shock (4hrs at 225°C)	ASTM D2671	No cracking or flowing
Low Temperature Flexibility (4hrs at -55°C)	ASTM D2671	No cracking
Hardness (Shore D)	ASTM D2240	50D

Electrical

Dielectric Strength	ASTM D149/ IEC 243	500 V/Mil (20kV/mm)
Dielectric Voltage Withstand (2500V, 60Hz, 1 min.)	UL 486D	No Breakdown
Volume Resistivity	ASTM D257	10 ¹⁶ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/5, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.1%
Fungus Resistance	ASTM G21	No Growth

Adhesive

Adhesive softening point	ASTM E28	92°C +- 5°C
Adhesive peel strength (300mm/min at 23°C)	ASTM D1000	
- to steel, alum, P.E.	ASTM D1000	35 pli
- to PVC	ASTM D1000	20 pli
Adhesive Lap Shear (1in./min at 23°C)	ASTM D1002 (mod)	125 psi (0.875 MPa)
Adhesive Blocking (30°C)	ASTM D1146	No blocking
Water Penetration	STM 706	No penetration after 286 hrs. (min) of continuous immersion.

CANUSA-EMI

There's no end to what we cover

CANUSA-EMI is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA-EMI is a recognized world leader in the provisioning of high quality heat shrink products.

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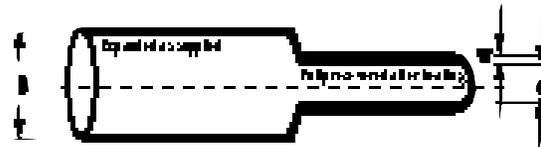
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Dimensions

ORDER REF. NO. METRIC IMPERIAL	EXPANDED INTERNAL DIAMETER (MIN)		RECOVERED INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)		APPLICATION RANGE FOR GENERAL USE		STANDARD LENGTHS	
	mm	D IN	mm	d IN	mm	w IN	mm	IN	AA mm	BB IN
XXXX YYYY										
0102 0400	10.2	0.40	3.8	0.15	2.0	0.080	4.5-8.5	.18-.34	1.2	6,48
0191 0750	19.1	0.75	5.6	0.22	2.0	0.080	6.0-16.5	.24-.65	1.2	12,48
0279 1100	27.9	1.10	10.2	0.40	2.0	0.080	11.5-25.0	.45-1.0	1.2	12,48
0330 1300	33.0	1.30	10.2	0.40	2.0	0.080	11.5-30.0	.45-1.2	1.2	12,48
0381 1500	38.1	1.50	12.7	0.50	2.0	0.080	14.0-35.0	.55-1.4	1.2	12,48
0432 1700	43.2	1.70	12.7	0.50	2.0	0.080	14.0-40	.55-1.6	1.2	12,48
0521 2050	52.1	2.05	19.1	0.75	2.0	0.080	21.0-45.0	.82-1.8	1.2	12,48
0699 2750	69.9	2.75	25.4	1.00	2.0	0.080	30.0-63.0	1.2-2.5	1.2	12,48
0889 3500	88.9	3.50	30.0	1.18	2.4	0.095	33.0-83.8	1.3-3.3	1.2	24,48
1194 4700	119.4	4.70	39.9	1.57	2.7	0.105	40.6-114	1.6-4.5	1.2	24,48
1702 6700	170.2	6.70	58.4	2.30	2.8	0.110	70-165	2.4-6.5	1.2	24,48
2286 9000	228.6	9.00	77.0	3.00	3.0	0.118	71-220	2.8-8.7	1.2	24,48



Ordering

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

To Order in Metric Units:

Order Ref. No. Options
CFM - XXXX - CC - OO - AA - M
 Color Standard Length

To Order in Imperial Units:

Order Ref. No. Options
CFM - XXXX - CC - OO - BB - I
 Color Standard Length

Standard Colors (CC)

Order Code	Color
BK	BLACK
RD	RED
CR	CLEAR

Options (OO)

	Lined	Unlined
Unprinted	00	01
Printed	02	03

* For additional colors please see price list.

Lengths: Also available in 25 ft reels, uncoated

Note: Non-standard colors, sizes, sealant and lengths available subject to factory quotation.