



ELECTRICAL
MECHANICAL
INSULATION

GANUSA
EMI



Thin Wall, Adhesive Lined,
Cross Linked Polyolefin

CWWT 450



CWWT 450

Water clear, adhesive lined, heat shrinkable tubing, specifically designed for water well pump applications, provides excellent clarity on recovery while insulating and protecting electrical connections

Features

- Allows for the examination of substrate wiring
- Adhesive lined for a water tight seal
- Flexible
- High shrink ratio allows for a wide range of diameters
- Continuous operating temperature: -55 to 110°C
- Shrink temperature: 120°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	1500 psi (10.0 MPa)
Elongation	ASTM D2671, ISO 37	250%
Longitudinal Change	ASTM D2671	+/-5%
Heat Resistant Properties	MIL-DTL-23053/4 (168 hrs at 175°C)	No cracking or flowing of outer wall
Heat Shock	ASTM D2671	No cracking or flowing of outer wall
Low Temperature Flexibility	ASTM D2671 (4 hrs at -55°C)	No cracking
Flammability	ASTM D2671	Moderately Flame Retardant (outer wall)

Electrical

Dielectric Strength	ASTM D2671	600 V/Mil (24kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁶ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/4 ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.2 %
Fungus Resistance	ASTM G21	No Growth

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.

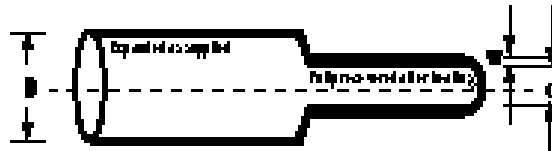
EUROPE	U.S.A.	CANADA/INTERNATIONAL
CANUSA SYSTEMS LIMITED	CANUSA - EMI	CANUSA - EMI
Bergstrand House	P.O. Box 498830	25 Bethridge Road
Broadley Industrial Park	Cincinnati, Ohio 45249	Toronto, Ontario M9W 1M7
Roborough, Plymouth, U.K. PL6 7EZ	Tel: 1-800-422-6872	Tel: 1-800-845-6808
Tel: 44 (0) 1752-209880	Tel: (513) 683-7800	Tel: (416) 743-7111
Fax: 44 (0) 1752-209850	Fax: (513) 683-7809	Fax: (416) 743-7199

WORLDWIDE WEB: www.canusa-emi.com

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Dimensions

ORDER REF. NO. METRIC	ORDER REF. NO. IMPERIAL	EXPANDED		INTERNAL DIAMETER		RECOVERED		WALL THICKNESS		STANDARD LENGTHS	
		mm	D IN	mm	d IN	mm	w IN	mm	AA IN	BB IN	
0105	0400	10.5	0.413	2.6	0.102	1.1	0.043	76.2	3		



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:

CWWT 450-XXXX-CC-OO-AA-M

Order Ref. No. Options
Color Standard Length

To Order in Imperial Units:

CWWT 450-YYYY-CC-OO-BB-I

Order Ref. No. Options
Color Standard Length

Standard Colors (CC)

Order Code	Color
CR	Clear

*For additional colors please see price list.

Options (OO)

Unprinted	00
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Lengths: Per Table Above

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