



ELECTRICAL  
MECHANICAL  
INSULATION

**CANUSA**  
EMI

Tape Sealant

CTSB-2/CTSG-1



# CTSB-2/CTSG-1

## CTSB-2

Specially designed, rubber based, black sealant tape for use with Heat Shrink Tubing

## CTSG-1

Crosslinked, grey butyl tape suitable for continuous high temperature applications

## Features

### CTSB-2

- Excellent adhesion to PVC, PE and steel
- Softens to fill voids
- Remains flexible over time
- Nonconductive
- Superior waterproof seal when used with other CANUSA-EMI products

### CTSG-1

- Protects sharp edges and smooths transitions
- Environmentally seals areas and tubing
- Nonconductive
- Excellent high temperature performance
- Resistant to common fluids and solvents



## Technical Data

### Physical

Property	Test Method	Typical Performance CTSB-2	Typical Performance CTSG-1
Elongation	ASTM D1000	350%	400%
Specific Gravity	ASTM D792	1.34	1.45
Adhesive Lap Shear	ASTM D1002	17 psi, (0.01 MPa)	17 psi, (0.01 MPa)
Shrinkage	TT-C-2671	0	0
Flow at Elevated Temp (50°C)	TT-C-1796	None	None
Low Temp Flexibility	ASTM D 1043	-18°C	-40°C

### Chemical

Water Absorption	ASTM D570	0.06%	0.06%
Corrosion	ASTM D 2203	Non-corrosive	Non-corrosive
Fungus Resistance	ASTM G-21	No Growth	No Growth
Water Solubility	GS-4.2	0.01%	0.01%
Cone Penetration	ASTM D-217	35	50
Plasticity	ASTM D-926	142	268

### Electrical

Dielectric Strength	ASTM D-149	50 V/Mil (2kV/mm)	310 V/Mil (12 kV/mm)
Volume Resistivity	ASTM D-257	1.52 x 10 <sup>14</sup> ohm-cm	4.9 x 10 <sup>14</sup> ohm-cm

## Dimensions

ORDER REF. NO.	WIDTH		THICKNESS		ROLLLENGTH	
	mm	IN	mm	IN	mm	IN
CTSB-2 (BLACK)	50.8	2.0	1.5	0.06	7620	300

ORDER REF. NO.	WIDTH		THICKNESS		ROLLLENGTH	
	mm	IN	mm	IN	mm	IN
CTSG-1 (GREY)	25.4	1.0	1.5	0.06	7620	300

## Ordering

To Order Specify:

**CTSB-2**

**CTSG-1**

## 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

CANUSA SYSTEMS LIMITED

Bergstrand House

Broadley Industrial Park

Roborough Plymouth, U.K. PL6 7EZ

Tel: (01752) 209880

Fax: (01752) 209850

#### U.S.A.

CANUSA - EMI

P.O. Box 498830

Cincinnati, Ohio 45249

Tel: 1-800-422-6872

Tel: (513) 683-7800

Fax: (513) 683-7809

#### CANADA/INTERNATIONAL

CANUSA - EMI

25 Bethridge Road

Toronto, Ontario M9W 1M7

Tel: 1-800-845-6808

Tel: (416) 743-7111

Fax: (416) 743-7199

**WORLDWIDE WEB:** [www.canusa-emi.com](http://www.canusa-emi.com)

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