



CANUSA



HSCT

Medium Wall Heat Shrinkable Semi-Conductive
Tubing For Use In MV Joints (Upto 36KV)

Description

A necessary component of any medium voltage heat shrink based jointing system. Canusa's HSCT formulation enjoys a very low volume resistivity.

Main Features

- **Operating temperature range:**
-55°C to +125°C
- **4 Sizes**
- **Available in cut lengths if required**





Technical Data

Physical

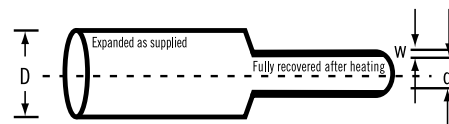
Property	Test Method	Typical Performance
Specific Gravity	ISO R1183	1.19
Tensile Strength	ISO 37	12.0 MPA
Ultimate Elongation	ISO 37	300%
Water Absorption	ASTM -570	0.5 %
Hardness	ASTM D2240	40 shore D
Operating Temperature		-55° to +125°C
Min Shrink Temperature		120°C
Heat Shock	ESI 0913 (30 min at 200°C)	No dripping, flowing or cracking
Low Temperature Flexibility	ASTM D2671 (4 hrs at -55°C)	No cracking
Heat Ageing (168 hrs at 120°C)	ISO 37	
Tensile Strength		10 MPA
Ultimate Elongation		250 %
	IEC 243	NA
Volume Resistivity	IEC93	20 Kohm-cm (max)
Dielectric Constant	IEC 250	15 (min)
Chemical Resistance	ISO 175	Good
Fungus Resistance	ASTM G-21	<1

Dimensions

SIZE	EXPANDED	RECOVERED		
	INTERNAL DIAMETER (MIN)	INTERNAL DIAMETER (MAX)	WALL THICKNESS (NOMINAL)	STANDARD LENGTH*
	D mm	d mm	w mm	m
HSCT 3816	38	16	2.0	1.2
HSCT 4218	42	18	2.0	1.2
HSCT 7024	70	24	2.5	1.2
HSCT 9338	93	38	2.0	1.2

The nominal wall thickness refers to fully recovered tubing.
The wall thickness will be less than this value if shrinkage is restricted.

*Non standard lengths are available.



Ordering

Refer to dimensional table and select the size which will shrink snugly over the component to be covered.

If recovery is restricted the resultant wall thickness will be less than specified.

Standard Colour - Black.

Standard Lengths - 1 .2 metre lengths.

CANUSA

There's no end to what we cover

WORLDWIDE WEB: www.canusa-emi.com

All information contained in this leaflet is believed to be reliable. We advise however that customers should separately evaluate the suitability of our products for their particular application. CANUSA-EMI, Shaw Industries and DSG-Canusa GmbH & Co. KG give no guarantees in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. In no instance will we be liable for any eventual, indirect, or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.

