



GANUSA



DATS

Medium Wall Heat Shrinkable Non Tracking Tubing
For Use In MV Joints & Terminations Upto 36kV.

Description

DATS is a specially formulated product designed to meet the ERT requirements of medium voltage systems.

Main Features

- Non Tracking
- UV stabilised
- Flame retardant
- Exceptional electrical and weathering properties
- Suitable for outdoor & indoor terminations
- Available in 6 sizes
- Available in continuous reels or cut to length



Technical Data

Physical

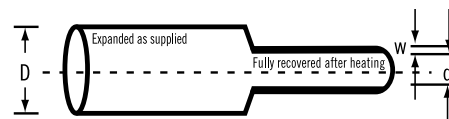
Property	Test Method	Typical Performance
Specific Gravity	ISO R1183	1.30
Tensile Strength	ISO 37	12.0 MPA
Ultimate Elongation	ISO 37	300 %
Water Absorption	ASTM D-970	1%
Hardness	ASTM D-2240	40 shore D
Operating Temperature		-55° to +125°C
Min. Shrink Temperature		120°C
Heat Shock (4 hrs at 225°C)	ASTM D2671	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		8 N/mm ²
Ultimate Elongation		120%
Dielectric Strength	IEC 243	12kV mm
Volume Resistivity	IEC93	1 x 10 ¹⁴ ohm-cm
Dielectric Constant	IEC 250	5 (max)
ERT	ASTM D-2303	No failure by tracking or erosion after 1 hr at 2.5kV
Fungus Resistance	ASTM G-21	<1
Chemical Resistance	ISO 175	Good
Weathering Resistance	ASTM G-21	Good

Dimensions

SIZE	EXPANDED		RECOVERED	
	INTERNAL DIAMETER (MIN)	INTERNAL DIAMETER (MAX)	WALL THICKNESS (MAX)	STANDARD LENGTH*
	$\frac{D}{mm}$	$\frac{d}{mm}$	$\frac{w}{mm}$	
DATS 350	35.0	12.0	2.8	1.2
DATS 420	40.0	15.0	2.8	1.2
DATS 540	55.0	18.0	3.2	1.2
DATS 600	65.0	21.0	3.5	1.2
DATS 760	80.0	26.0	3.5	1.2
DATS 1000	110.0	37.0	3.5	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.



Lengths: Supplied as 15 m reels.

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

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 - Brick Red.

Standard Lengths - 1.2 metre - or rolls.

CANUSA

There's no end to what we cover

WORLDWIDE WEB: www.canusa-emi.com

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