



ELECTRICAL
MECHANICAL
INSULATION

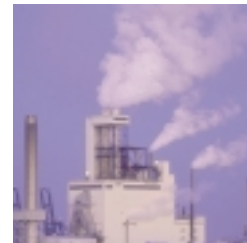
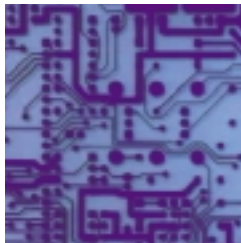
CSANUSA



3:1
STANDARD
SHRINK RATIO

Semi-Rigid Translucent
Adhesive Lined Tubing

DERAY MDKT

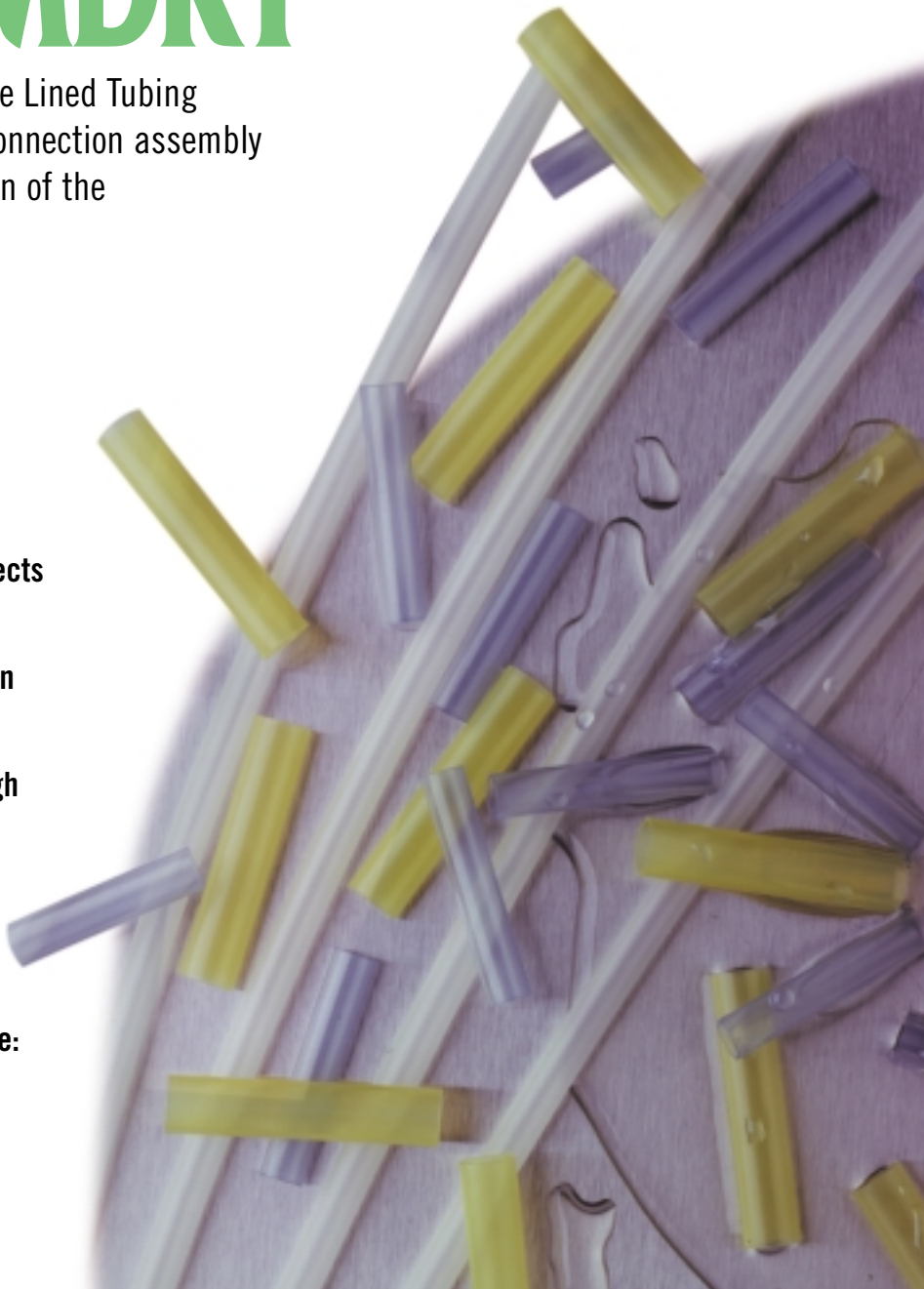


DERAY MDKT

Semi-Rigid, Translucent, Adhesive Lined Tubing
specifically designed for crimp connection assembly
applications and where inspection of the
wire substrate is essential

Features

- Adhesive liner insulates and protects electrical connections
- Translucent to allow for inspection of the substrate connection
- Semi-Rigid Backing provides tough abrasion resistance and superior strain relief
- Highly resistant to water, solvent and chemical penetration
- Continuous operating temperature: -40°C to 110°C
- Shrink temperature: 110°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, IEC811-1-1	1600 psi (11.5 MPa)
Elongation	ASTM D2671, IEC811-1-1	250%
Longitudinal Change	ASTM D2671	15% max
2% Secant Modulus	ASTM D2671	36,000 psi (250 MPa)
Specific Gravity	ASTM D792	0.95 g/cm ³ max
Heat Resistant Properties (168 hrs at 150°C)	ASTM D2671, IEC811-1-1	350%
Heat Shock (4 hrs at 200°C)	ASTM D2671, IEC811-1-2	No cracking or flowing of outer wall
Low Temperature Flexibility (4 hrs at -40°C)	ASTM D2671	No cracking or splitting of outer wall
Flammability	FMVS 5302 ASTM D2671	Passed Not Flame Retardant

Electrical

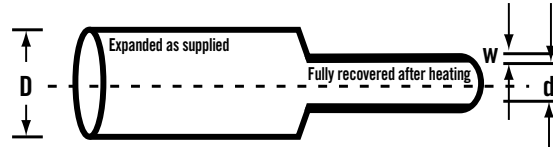
Dielectric Strength	ASTM D2671, VDE 0303	300V/Mil (13.5kV/mm)
Volume Resistivity	ASTM D2671, VDE 0303	10 ¹³ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/4	Good
Copper Corrosion	ASTM D2671	Non-Corrosive
Water Absorption	VDE 0472	0.5% max
Fungus Resistance	ISO 846	Good

Dimensions

ORDER REF. NO.	Color	EXPANDED		RECOVERED		WALL THICKNESS (NOM)		APPLICATION RANGE		TOTAL LENGTH	
		INTERNAL DIAMETER (MIN)	INTERNAL DIAMETER (MAX)	INTERNAL DIAMETER (MIN)	INTERNAL DIAMETER (MAX)	mm	IN	AWG	mm ²	AA	BB
0045 0177	red	4.5	0.177	1.4	0.055	1.1	0.043	22-18	0.5-1.5	300	984
0055 0177	blue	5.5	0.216	1.8	0.070	1.2	0.047	16-14	1.5-2.5	300	984
0068 0177	yellow	6.8	0.268	2.2	0.086	1.3	0.051	12-10	3.0-6.0	300	984
0075 0177	yellow	7.5	0.295	2.2	0.086	1.3	0.051	-	3.0-6.0	300	984



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:

DERAY MDKT - XXXX - AA - M

To Order in Imperial Units:

DERAY MDKT - YYYY - AA - I

CANUSA

There's no end to what we cover

CANUSA 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 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: 44 (0) 1752-209880

Fax: 44 (0) 1752-209850

U.S.A.

CANUSA

P.O. Box 498830

Cincinnati, Ohio 45249

Tel: 1-800-422-6872

Tel: (513) 683-7800

Fax: (513) 683-7809

CANADA/INTERNATIONAL

CANUSA

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

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Lengths: Supplied on continuous reels or cut lengths.

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