



ELECTRICAL
MECHANICAL
INSULATION

CSNUSA



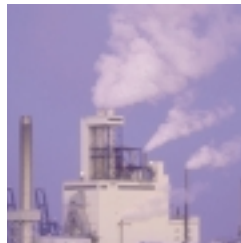
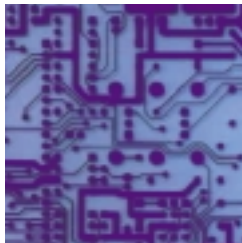
FLAME
RETARDANT



2:1
STANDARD
SHRINK RATIO

Ultra Thin Wall
Crosslinked Polyolefin

DERAY ITW

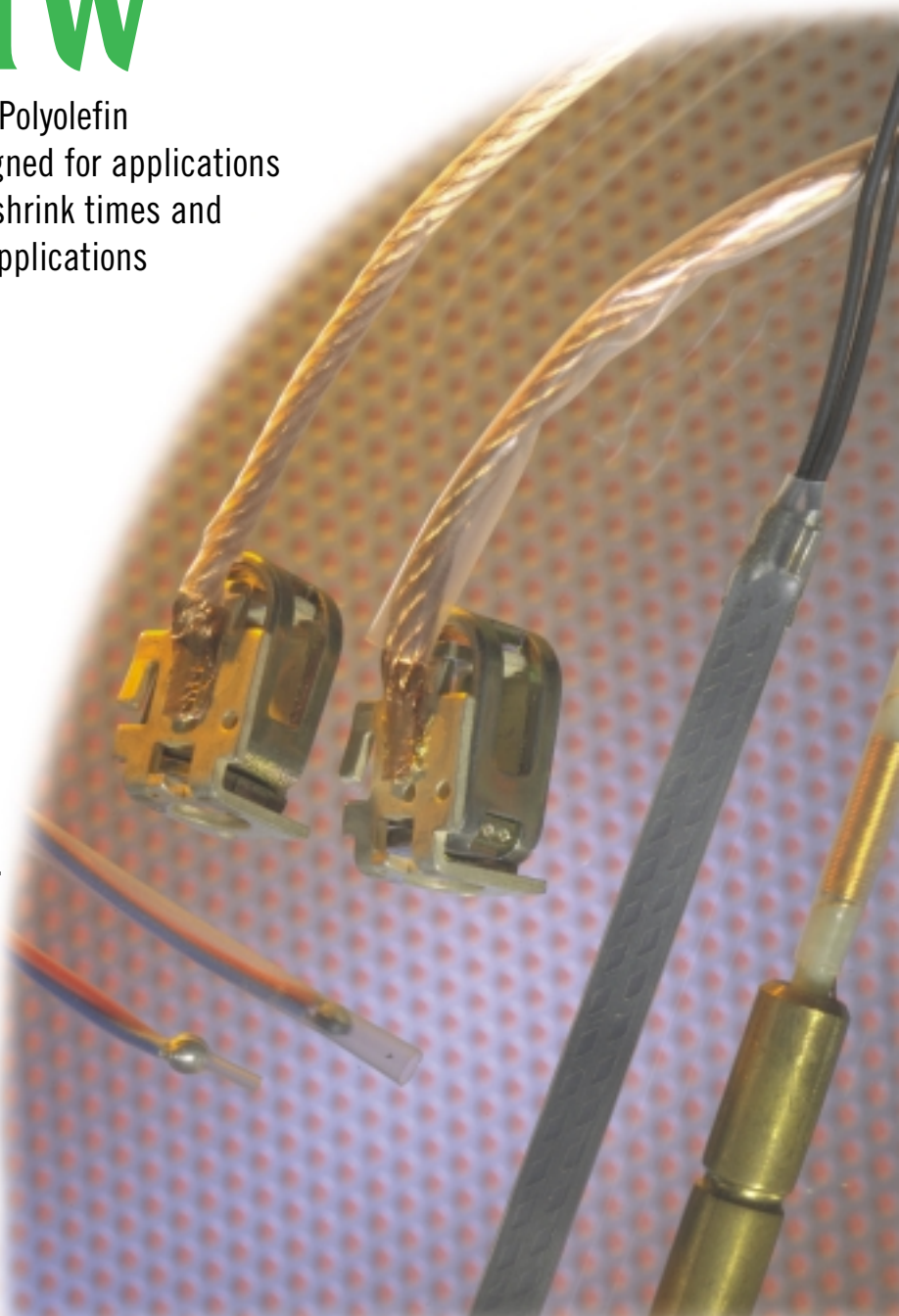


DERAY ITW

Ultra Thin Wall, Extremely Flexible, Polyolefin Heat Shrink Tubing especially designed for applications requiring extreme flexibility, quick shrink times and a thinner profile in space limited applications

Features

- Ultra Thin Wall
- Ideal for space limited applications
- Thin Wall provides quick shrinkage and allows tubing to conform better to the substrate
- Extremely flexible
- Continuous operating temperature: -55°C to 135°C
- Shrink temperature: 90°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, IEC811-1-1	1400 psi (10 MPa)
Elongation	ASTM D2671, IEC811-1-1	250%
Longitudinal Change	ASTM D2671	10% max
2% Secant Modulus	ASTM D2671	24500 psi (175 MPa)
Specific Gravity	ASTM D792	1.30 (Black) 0.93 (Clear)
Elongation after Heat Aging (168 hrs at 150°C)	ASTM D2671, IEC811-1-2	150%
Heat Shock (4 hrs at 200°C)	ASTM D2671, IEC811-1-2	No cracking or flowing
Low Temperature Flexibility (4 hrs at -55°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Flame Retardant (except clear)

Electrical

Dielectric Strength	ASTM D2671, VDE 0303	500V/Mil (20 kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁴ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/5 ISO 1817, ISO 37	Very Good
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570, VDE 0472	0.5% max
Fungus Resistance	ISO 846	Very Good

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.

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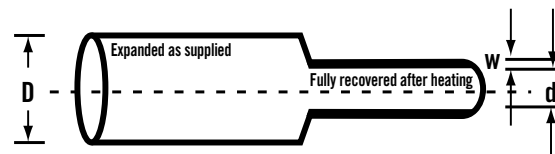
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WORLDWIDE WEB: www.canusa-emi.com

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Dimensions

ORDER REF. NO. METRIC	ORDER REF. NO. IMPERIAL	EXPANDED		RECOVERED				STANDARD LENGTH	
		INTERNAL DIAMETER (MIN)	INTERNAL DIAMETER (MAX)	WALL THICKNESS (NOM)		AA m	BB FT		
XXXX	YYYY	mm	D IN	mm	d IN	mm	w IN	AA	BB
0012	0047	1.2	0.047	0.5	.0196	0.25	0.010	400	1312
0025	0098	2.5	0.098	0.8	.0314	0.30	0.012	400	1312
0040	0157	4.0	0.157	1.6	.0629	0.30	0.012	400	1312
0056	0220	5.6	0.220	2.4	.0944	0.30	0.012	300	984
0081	0318	8.1	0.318	3.2	.1259	0.35	0.014	200	656
0110	0433	11.0	0.433	4.8	.1889	0.35	0.014	150	492
0150	0590	15.0	0.590	6.4	.2519	0.35	0.014	100	328
0200	0787	20.0	0.787	9.5	.3740	0.45	0.018	50	164
0260	1023	26.0	1.023	12.7	.5000	0.50	0.020	50	164



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 ITW - ^{Order Ref. No.}XXXX - ^{Options}CC - OO - AA - M
Color Standard Length

To Order in Imperial Units:

DERAY ITW - ^{Order Ref. No.}YYYY - ^{Options}CC - OO - BB - I
Color Standard Length

Standard Colors (CC)

Order Code	Color
BK	BLACK
CR	CLEAR

* For additional colors please see price list.

Options (OO)

Unprinted	00
Printed	01

Lengths: Supplied on continuous reels.

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