



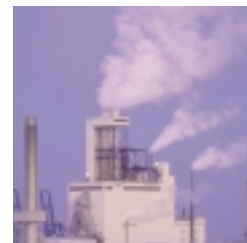
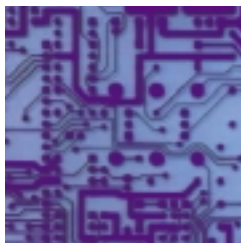
ELECTRICAL
MECHANICAL
INSULATION

CSNUSA



Crosslinked Polyolefin
Crimp-Seal Connector

DERAY
CRIMP-SEAL



DERAY CRIMP-SEAL

Semi-Rigid, Translucent, Adhesive Lined Tubing with integral butt splice connector ensures absolute environmental protection for critical splices and connections

Features

- Superior sealing against water, moisture or other contaminants
- Provides visual confirmation of seal
- Pre-assembled in standard lengths
- Provides strain relief
- Inner adhesive bonds to: plastics, rubbers and metals
- 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 302 ASTM D2671	Passed Not Flame retardant

Electrical

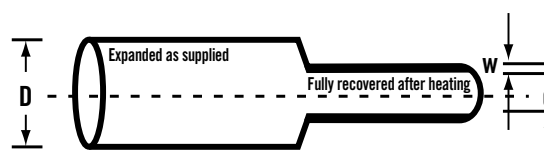
Dielectric Strength	ASTM D2671, VDE 0303	300V/Mil (13.5kV/mm)
Volume Resistivity	ASTM D2671, VDE 0303	10 ¹³ ohm-cm

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.		EXPANDED		RECOVERED				APPLICATION RANGE		TOTAL LENGTH	
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)					
X	Color	mm	D IN	mm	d IN	mm	w IN	AWG	mm	AA mm	BB IN
1	red	4.5	0.177	1.4	0.055	1.1	0.043	22-18	0.5-1.5	36	1.42
2	blue	5.5	0.216	1.8	0.070	1.2	0.047	16-14	1.5-2.5	36	1.42
3	yellow	6.8	0.268	2.2	0.086	1.3	0.051	12-10	3.0-6.0	41	1.61



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:

DERAY CRIMP-SEAL - X

Lengths: Supplied pre-assembled in packaged quantities.

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

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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