

INSULATE
SEAL
PROTECT



DERAY SPLICEMELT 125

Adhesive Lined, Heat Shrinkable, Insulating Tubing specifically designed to insulate, seal and protect parallel splices in automotive wiring harnesses and electronic assemblies

Features

- Seals and protects against water, moisture and chemicals
- Adhesive bonds readily to PVC, XLPE and PP-EPDM cable jackets
- Shrinks rapidly for quick installation
- Operating Temperature: -55°C to 125°C
- Shrink temperature: 125°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, IEC 811-1-1	2300 psi (17 MPa) Black 2000 psi (15 MPa) Clear
Elongation	ASTM D2671, IEC 811-1-1	320% Black, 400% Clear
Longitudinal Change	ASTM D2671	10% max
Specific Gravity	ASTM D79	1.25 Black, 1.0 Clear
Elongation after Heat Aging (168hrs at 160°C)	ASTM D2671, IEC 811-1-1	320% Black, 400% Clear
Heat Shock (4hrs at 210°C)	ASTM D2671, IEC 811-1-2	No cracking or flowing
Low Temperature Flexibility (4hrs at -55°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671 FMVSS 302	Flame Retardant (except clear) Passed

Electrical

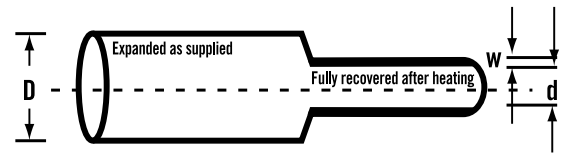
Dielectric Strength	ASTM D2671, VDE 0303	Black: 450V/mil (18kV/mm) Clear: 500V/MIL (20kV/mm)
Volume Resistivity	ASTM D2671, VDE 0303	10 ¹⁴ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/4	Good
Corrosive Action	ASTM D2671 Meth A	No Corrosion
Copper Corrosion	ASTM D2671 Meth B	No Corrosion
Water Absorption	ASTM D570, VDE 0472	0.5%

Dimensions

ORDER REF. NO.	EXPANDED INTERNAL DIAMETER (MIN)		RECOVERED INTERNAL DIAMETER (MIN)			EXPANDED WALL THICKNESS (NOM)		RECOVERED WALL THICKNESS (NOM)			CUT LENGTHS	
	mm	D IN	mm	d	IN	mm	W IN	mm	W IN	IN	mm	IN
1	6.0	0.236	1.4	0.055	0.30	0.012	1.35	0.053	50	1.97		
2	8.0	0.315	1.6	0.063	0.35	0.014	1.75	0.069	50	1.97		
3	12.0	0.472	2.5	0.098	0.40	0.016	2.00	0.079	65	2.56		
4	18.0	0.708	3.7	0.146	0.53	0.021	2.60	0.102	75	2.95		



DSG-Canusa

There's no end to what we cover

Using heat shrink technology, DSG-Canusa provides electrical and mechanical insulation for electrical/utility, communications, automotive, and electronics markets. Our continued investment in research and development continues to yield new products to meet industry trends. Moreover, an aptitude and readiness to engineer unique solutions to suit Customer applications has earned us a reputation of excellence in Customer satisfaction. DSG-Canusa is a market leader with manufacturing and support facilities throughout the globe.

www.dsgcanusa.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. DSG-Canusa and Shawcor 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.

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. For each item, please specify the **product name** plus each of the following options:

1 Order Reference Number

See above in the "Dimensions" chart.

2 Color Options

black clear

3 Printing Options

printed unprinted

4 Length Options

(specify metric or imperial)

See above in the "Dimensions" chart

For reels contact Customer Service

For Example: Deray Splicemelt 125, 3, black, unprinted, 1.97" length

FOR INFORMATION ON CUSTOM COLORS, SIZES AND LENGTH OPTIONS CONTACT YOUR CUSTOMER SERVICE REPRESENTATIVE.