



DERAY®-I 3000 – THIN WALL CROSSLINKED POLYOLEFIN

High shrink ratio, multiple specifications flexible heat shrink tubing with excellent physical and mechanical properties

FEATURES AND BENEFITS

- Self-extinguishing (colors only)
- Flexible
- High shrink ratio
- Resistant to common fluids and solvents
- Additionally available in RAL2003 orange color
- Shrink ratio: 3:1
- Continuous operating temperature: -55°C to 135°C
- Shrink temperature: 90°C min.

STANDARDS

- UL file # E107857 (colors only)
- DEF STAN 59-97 Type 2b
- BS G198 Part 3 Type 11B
- VG95343 Part 5 Type A/B
- CNES approved and listed in Matrex database
- ECSS-Q-ST-70-02
- Approved to major automotive OEM specifications

TYPICAL APPLICATIONS

- Electrical insulation of in-line splices
- Strain relief of terminals
- Color coding of electronic components
- Insulation and protection of objects with large diameter variations



3:1

SHRINK RATIO

-55°C to 135°C

(-67°F to 275°F)

CONTINUOUS OPERATING TEMPERATURE

MARKETS:

Automotive, Aerospace, Defense, Industrial OEM

STANDARDS:



DSG-CANUSA PRODUCTS

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 **SHAWCOR**

Thin wall crosslinked polyolefin

DIMENSIONS

| ORDER NUMBER | EXPANDED | | RECOVERED | | | | DELIVERY UNITS | | | | |
|--------------|---------------------------|-------|---------------------------|-------|------------------------------|-------|----------------|-----|------------|-----|----------------|
| | Internal Diameter (min) D | | Internal Diameter (max) d | | Total Wall Thickness (nom) W | | Spool* | | Mini-Spool | | Lengths |
| | MM | IN | MM | IN | MM | IN | M | FT | M | FT | 1.22 M / 48 IN |
| 0063 | 1.60 | 1/16 | 0.50 | 0.020 | 0.45 | 0.018 | 300 | 984 | 150 | 492 | 25 |
| 0125 | 3.20 | 1/8 | 1.00 | 0.039 | 0.55 | 0.022 | 300 | 984 | 150 | 492 | 25 |
| 0187 | 4.80 | 3/16 | 1.50 | 0.059 | 0.60 | 0.024 | 300 | 984 | 75 | 246 | 25 |
| 0250 | 6.40 | 1/4 | 2.00 | 0.079 | 0.65 | 0.026 | 300 | 984 | 75 | 246 | 10 |
| 0375 | 9.50 | 3/8 | 3.00 | 0.118 | 0.75 | 0.030 | 150 | 492 | 75 | 246 | 10 |
| 0500 | 12.70 | 1/2 | 4.00 | 0.157 | 0.75 | 0.030 | 100 | 328 | 50 | 164 | 10 |
| 0750 | 19.00 | 3/4 | 6.00 | 0.236 | 0.85 | 0.033 | 50 | 164 | 30 | 98 | 10 |
| 1000 | 25.40 | 1 | 8.00 | 0.315 | 1.00 | 0.039 | 50 | 164 | 30 | 98 | 10 |
| 1500 | 39.00 | 1 1/2 | 13.00 | 0.512 | 1.15 | 0.045 | 50 | 164 | 30 | 98 | - |

Clear items not UL listed.

*Delivery unit *spool* only available for black items



ORDERING

Select a dimension which will shrink snugly over the application to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

- Select options:
 - Color: Black (BK), red (RD), white (WT), clear (CL), blue (BL), yellow (YL), orange (OE)
- Please specify the product name, order number and options you require
- *Example:* DERAY®-I 3000, 0375 or 9/3 in, black

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.

DSG-CANUSA PRODUCTS

We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.



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