

DERAY®-IAKT – THIN WALL ADHESIVE LINED POLYOLEFIN

Adhesive lined heat shrink tubing
ideal for effective moisture-resistant
insulation

FEATURES AND BENEFITS

- Flexible
- Adhesive bonds to plastics, rubber, steel polyethylene and other materials
- Shrink ratio: 3:1 & 4:1
- Continuous operating temperature of outer jacket: -55°C to 110°C
- Shrink temperature: 95°C min.

STANDARDS

- Industrial and automotive OEM specifications

TYPICAL APPLICATIONS

- Environmental sealing and strain relief of connectors and terminals
- Moisture sealing and electrical insulation of simple in-line splices
- Abrasion resistance for tubes and pipes
- Repair of damaged wire harnesses



3:1 & 4:1
SHRINK RATIO

-55°C to 110°C
(-67°F to 230°F)
CONTINUOUS OPERATING
TEMPERATURE

MARKETS:

Automotive, Industrial

STANDARDS:



Thin wall adhesive lined crosslinked polyolefin

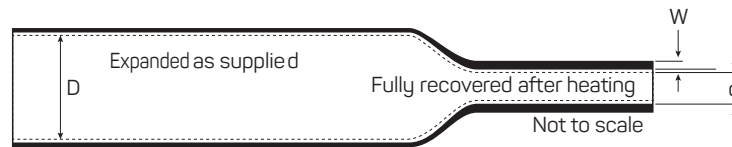
DIMENSIONS: SHRINK RATIO 3:1

| ORDER NUMBER | EXPANDED | | RECOVERED | | | | DELIVERY UNITS | | |
|--------------|---------------------------|-------|---------------------------|-------|------------------------------|-------|----------------|-----|----------------|
| | Internal Diameter (min) D | | Internal Diameter (max) d | | Total Wall Thickness (nom) W | | Spool | | Lengths |
| | MM | IN | MM | IN | MM | IN | M | FT | 1.22 M / 48 IN |
| 3.0/1.0 | 3.0 | 0.118 | 1.0 | 0.039 | 1.00 | 0.039 | 300 | 984 | 25 |
| 4.5/1.5 | 4.5 | 0.177 | 1.5 | 0.059 | 1.10 | 0.043 | 300 | 984 | 25 |
| 6.0/2.0 | 6.0 | 0.236 | 2.0 | 0.079 | 1.20 | 0.047 | 300 | 984 | 10 |
| 9.0/3.0 | 9.0 | 0.354 | 3.0 | 0.118 | 1.40 | 0.055 | 150 | 492 | 10 |
| 12.0/4.0 | 12.0 | 0.472 | 4.0 | 0.157 | 1.70 | 0.067 | 100 | 328 | 10 |
| 19.0/6.0 | 19.0 | 0.748 | 6.0 | 0.236 | 2.10 | 0.083 | 50 | 164 | 10 |
| 24.0/8.0 | 24.0 | 0.945 | 8.0 | 0.315 | 2.40 | 0.094 | 50 | 164 | 10 |
| 40.0/13.0 | 40.0 | 1.575 | 13.0 | 0.512 | 2.40 | 0.094 | 30 | 98 | 10 |

DIMENSIONS: SHRINK RATIO 4:1

| ORDER NUMBER | EXPANDED | | RECOVERED | | | | DELIVERY UNITS | | |
|--------------|---------------------------|-------|---------------------------|-------|------------------------------|-------|----------------|-----|----------------|
| | Internal Diameter (min) D | | Internal Diameter (max) d | | Total Wall Thickness (nom) W | | Spool | | Lengths |
| | MM | IN | MM | IN | MM | IN | M | FT | 1.22 M / 48 IN |
| 4.0/1.0 | 4.0 | 0.157 | 1.0 | 0.039 | 1.00 | 0.039 | 300 | 984 | 25 |
| 8.0/2.0 | 8.0 | 0.315 | 2.0 | 0.079 | 1.20 | 0.047 | 150 | 492 | 10 |
| 12.0/3.0 | 12.0 | 0.472 | 3.0 | 0.118 | 1.40 | 0.055 | 100 | 328 | 10 |
| 16.0/4.0* | 16.0 | 0.630 | 4.0 | 0.157 | 1.70 | 0.067 | 50 | 164 | 10 |
| 24.0/6.0 | 24.0 | 0.945 | 6.0 | 0.236 | 2.10 | 0.083 | 50 | 164 | 10 |
| 32.0/8.0 | 32.0 | 1.260 | 8.0 | 0.315 | 2.40 | 0.094 | 50 | 164 | 10 |
| 52.0/13.0* | 52.0 | 2.047 | 13.0 | 0.512 | 2.40 | 0.094 | 30 | 98 | 10 |

*IAKT 4:1 sizes 16.0/4.0 & 52.0/13.0 clear have different delivery units



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), clear (CL)
- Please specify the product name, order number and options you require
- *Example:* DERAY®-IAKT 3:1, 40.0/13.0, black

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

FOR FURTHER INFORMATION, PLEASE CONTACT:

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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.