

# PMGCOMPANY

SPECIALISTS IN HEAT SHRINK TUBING AND CABLE HARNESSING PRODUCTS



## PLDR-100

FLEXIBLE, CHEMICAL & ABRASION RESISTANT ELASTOMER

PLDR-100 is designed for optimum high temperature fluid resistance, these fluids include aviation and diesel fuels, hydraulic fluids and lubricating oils. It has a high continuous operating temperature of 150 °C, PLDR-100 also offers superior mechanical protection and abrasion resistance.



### TECHNICAL DATA

FLEXIBLE, CHEMICAL & ABRASION RESISTANT ELASTOMER

|                          |                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------|
| Material                 | Elastomer                                                                                       |
| Shrink Ratio             | 2:1                                                                                             |
| Operating Temperature    | -75 °C to 150 °C                                                                                |
| Dielectric Strength      | 8 KV/mm                                                                                         |
| Installation Temperature | 85 °C                                                                                           |
| Operating Temperature    | -55 °C to 125 °C                                                                                |
| Specifications           | VG95343 Part 5 Type D<br>AMS DTL 23053/16 VDE<br>0341/Pt 9005 Def Stan<br>59-97 Issue 3 Type 6B |

### APPLICATIONS

- Jacketing material for military ground vehicles.
- Ideally suited for for motorsport applications.
- Superior mechanical protection.

## BENEFITS

- Flame retardent & abrasion resistant.
- Excellent electrical, chemical and physical properties.
- Superior mechanical protection.

| Ordering Description | Ordering Size (mm) | Minimum Supplied ID (mm) | Minimum Recovered ID (mm) | Recovered Wall Thickness (mm) |
|----------------------|--------------------|--------------------------|---------------------------|-------------------------------|
| PLDR-100-1/8         | 1/8                | 3.2                      | 1.6                       | 0.76+/-0.15                   |
| PLDR-100-3/16        | 3/16               | 4.8                      | 2.4                       | 0.84+/-0.15                   |
| PLDR-100-1/4         | 1/4                | 6.4                      | 3.2                       | 0.89+/-0.15                   |
| PLDR-100-3/8         | 3/8                | 9.5                      | 4.8                       | 1.02+/-0.20                   |
| PLDR-100-1/2         | 1/2                | 12.7                     | 6.4                       | 1.22+/-0.20                   |
| PLDR-100-3/4         | 3/4                | 19.1                     | 9.5                       | 1.45+/-0.28                   |
| PLDR-100-1           | 1                  | 25.4                     | 12.7                      | 1.78+/-0.28                   |
| PLDR-100-1-1/2       | 1-1/2              | 38.1                     | 19.1                      | 2.41+/-0.41                   |
| PLDR-100-2           | 2                  | 50.8                     | 25.4                      | 2.79+/-0.41                   |
| PLDR-100-3           | 3                  | 76.2                     | 38.1                      | 3.18+/-0.50                   |

## QUALITY ASSURANCE

PMG Company promises to always strive to offer our customers quality assurance. We aim to provide consistent and exceptional levels of customer service. This is achieved by our experienced sales and logistics teams. Quality assurance is our way of preventing mistakes and avoiding problems when delivering products to our customers. The high quality products we supply also conform to internationally recognised product specifications and standards.