



## DW4X

### Adhesive Lined Heat Shrinkable Polyolefin Tubing



#### Product Description

Grayline DW4X is a dual wall, flexible, heat shrinkable polyolefin. It can be used to seal and protect a wide variety of electrical applications, including wire splices, breakouts, and connectors-to-cable transitions.

*Standard Packaging: 4' Lengths  
Standard Color: Red, Black  
Cut-Lengths Available Upon Request*

#### Specifications

- SAE-AMS-DTL-23053/4 Class 3
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)

#### Features

- Operating Temperature is -55°C to 135°C
- 4:1 Shrink Ratio
- Shrinks at 120°C
- Flame Retardant (Jacket Only)
- Lead-Free

#### Standard Sizes

| NOMINAL SIZE | EXPANDED INSIDE DIAMETER (MINIMUM) | RECOVERED INSIDE DIAMETER (MAXIMUM) | MINIMUM RECOVERED WALL THICKNESS (Total Wall) | MINIMUM RECOVERED WALL THICKNESS (Adhesive Wall) |
|--------------|------------------------------------|-------------------------------------|---|--|
| 3/16         | 0.158"                             | 0.039"                              | 0.035"  | 0.020"   |
| 5/16         | 0.315"                             | 0.079"                              | 0.035"  | 0.020"   |
| 1/2          | 0.472"                             | 0.118"                              | 0.051"  | 0.024"   |
| 3/4          | 0.630"                             | 0.157"                              | 0.063"  | 0.030"   |
| 1            | 0.945"                             | 0.236"                              | 0.083"  | 0.031"   |
| 1-1/4        | 1.260"                             | 0.315"                              | 0.091"  | 0.041"   |
| 2            | 2.047"                             | 0.512"                              | 0.098"  | 0.041"   |

*The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.*