# Tyco Electronics

# DWP-125

Flexible, High-Shrink-Ratio, Adhesive-Lined, Polyolefin Tubing

**Product Facts** 

- 3:1 shrink ratio allows for insulation and sealing of irregular shapes
- Medium wall provides increased mechanical protection while maintaining flexibility when installed
- Adhesive bonds to a wide variety of plastics, rubber, and metals, including polyethylene, neoprene, and steel
- RoHS compliant



#### Applications

Environmentally seals and protects a wide variety of electrical applications, including wire splices, breakouts, and connectorto-cable transitions. Suitable for applications where UL recognized/CSA certified adhesive-lined tubing is required.

#### Installation

Minimum shrink temperature: 80°C [176°F] Minimum full recovery temperature: 125°C [257°F]

#### **Operating Temperature Range**

-40°C to 110°C [-40°F to 230°F]

#### Specifications/Approvals

	<b>SA</b> CSA	SF Military	Raychem
DWP-125 E355 600			-23053/4* DWP-125 SCD olors only)

\*Formerly MIL-I-23053/4 and MIL-DTL-23053/4. Meets the material properties except for Sealing Efficiency.

Available in: Americas Europe Asia Pacific 1-21 Catalog 9-1773447-9 Dimensions are in inches and Dimensions are shown for USA: 1-800-522-6752 South America: 55-11-2103-6000 Revised 01-09 millimeters unless otherwise Canada: 1-905-470-4425 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 reference purposes only. Specifications subject specified. Values in brackets Mexico: 52-55-1106-0800 www.tycoelectronics.com are metric equivalents. to change. C. America: 57-1-254-4444 UK: 44-208-420-8341

## DWP-125 (Continued)

### **Product Dimensions**

	Inside Diameter		Recovered Wall Thickness*	
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	Nominal Total Wall After Heating	Nominal Adhesive Wall After Heating
1/8	3.2 [0.125]	1.0 [0.040]	1.02 [0.040]	0.18 [0.007]
3/16	4.8 [0.187]	1.5 [0.060]	1.40 [0.055]	0.51 [0.020]
1/4	6.4 [0.250]	2.0 [0.080]	1.45 [0.057]	0.56 [0.022]
3/8	9.5 [0.375]	3.1 [0.120]	1.65 [0.065]	0.68 [0.027]
1/2	12.7 [0.500]	4.0 [0.157]	1.78 [0.070]	0.76 [0.030]
3/4	19.1 [0.750]	5.8 [0.230]	2.03 [0.080]	0.76 [0.030]
1	25.4 [1.000]	8.1 [0.320]	2.50 [0.100]	0.76 [0.030]

\*Wall thickness will be less if tubing recovery is restricted during shrinkage.

## **Ordering Information**

Color	Standard Black (-0)		
	Nonstandard	White (-9), Red (-2), Blue (-6), Yellow (-4), Green (-5), Clear (-X, non-flame-retardant jacket). Other colors available upon request.	
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.		
Standard packaging	In 1.2-meter [4-foot] lengths.		
Ordering description	Specify product name, size and color (for example, DWP-125 1/4-0).		

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