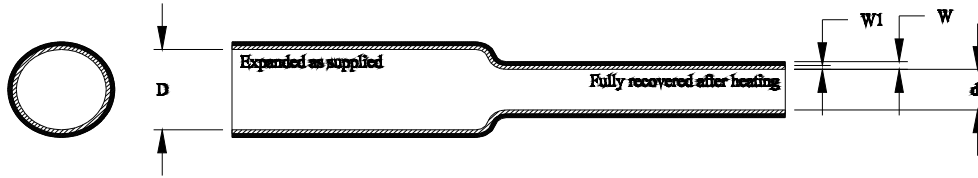


**DWP-125**  
**Flame-Retardant, Dual Wall Polyolefin**  
**Heat-Shrinkable Tubing**



**Table 1: Dimensions**

| Size  | Minimum Expansion (D) |      | Maximum Recovered (d) |      | Nominal Total Recovered Wall (W) |      | Nominal Adhesive (W1) |     |
|-------|-----------------------|------|-----------------------|------|----------------------------------|------|-----------------------|-----|
|       | in.                   | mm.  | in.                   | mm.  | in.                              | mm.  | in.                   | mm. |
| 1/8   | .125                  | 3.2  | .040                  | 1.0  | .042                             | 1.07 | .007                  | .18 |
| 3/16  | .187                  | 4.8  | .060                  | 1.5  | .052                             | 1.32 | .017                  | .43 |
| 1/4   | .250                  | 6.4  | .080                  | 2.0  | .057                             | 1.45 | .022                  | .56 |
| 3/8   | .375                  | 9.5  | .120                  | 3.0  | .065                             | 1.65 | .027                  | .68 |
| 1/2   | .500                  | 12.7 | .157                  | 4.0  | .067                             | 1.70 | .027                  | .68 |
| 3/4   | .750                  | 19.0 | .230                  | 6.0  | .080                             | 2.03 | .030                  | .76 |
| 1     | 1.000                 | 25.4 | .320                  | 8.0  | .100                             | 2.50 | .030                  | .76 |
| 1-1/2 | 1.500                 | 38.1 | .530                  | 13.5 | .100                             | 2.50 | .030                  | .76 |
| 2     | 2.000                 | 50.8 | .800                  | 20.0 | .100                             | 2.50 | .030                  | .76 |

**Table 2: Properties**

| Property                       | Unit      | Requirement                              |                                | Test Method                     |
|--------------------------------|-----------|--|--------------------------------|---------------------------------|
|                                |           | Type 1                                   | Type 2                         |                                 |
| Dimensions                     | Inch (mm) | Table 1                                  | Table 1                        | ASTM D 2671                     |
| Tensile Strength, minimum      | PSI       | 1500                                     | 1500                           | ASTM D 2671<br>20 inches/minute |
| Elongation, minimum            | Percent   | 200                                      | 200                            | ASTM D 2671<br>20 inches/minute |
| Longitudinal Change, maximum   | Percent   | 0, -10                                   | 0, -10                         | ASTM D 2671                     |
| Heat Shock<br>4 hours at 250°C | --        | No dripping, flowing or cracking. Note 1 | No dripping or flowing. Note 1 | ASTM D 2671                     |
| Flammability (Type 1 only)     | --        | Pass                                     | N/A*                           | UL-224 All Tubing               |

Type 1 Black, White and Colors



Type 2 Clear (\*Note: Type 2 is not flame-retardant.)

Note 1: This requirement applies to the outer jacket only.

In addition to the above requirements, DWP-125 Type 1 is UL recognized and CSA certified and shall meet all the requirements of UL-224 for 125°C-rated flexible polyolefin tubing, CSA C22.2 No. 198.1-M1986 for 125°C-rated flexible polyolefin with meltable liner.

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**Specification Control Drawing**

|   |   |  |                    |             |                  |
|---|---|--|--------------------|-------------|------------------|
|  TE Connectivity<br>300 Constitution Drive<br>Menlo Park, CA 94025 USA |  | <b>Title: DWP-125<br/>         Flame-Retardant, Dual Wall Polyolefin<br/>         Heat-Shrinkable Tubing</b> |                    |             |                  |
|   |   | <b>DWP-125</b>   |                    |             |                  |
| TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application          |   | Document No :  |                    |             |                  |
| Cage Code:<br>06090   | Scale:<br>None  | Size:<br>A   | Date:<br>15-Apr-11 | Rev.:<br>D1 | Sheet:<br>1 of 1 |

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