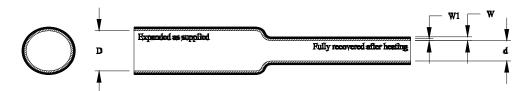
## DWP-125 Flame-Retardant, Dual Wall Polyolefin Heat-Shrinkable Tubing



## Table I: Dimensions

| Size  | Minimum<br>Expansion (D) |      | Maximum<br>Recovered (d) |      | Nominal Total<br>Recovered Wall<br>(W) |      | Nominal Adhesive<br>(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

|                                 |           | Requi                          |                 |                   |
|---------------------------------|-----------|--------------------------------|-----------------|-------------------|
| Property                        | Unit      | Type 1                         | Type 2          | Test Method       |
| Dimensions                      | Inch (mm) | Table 1                        | Table 1         | ASTM D 2671       |
| Tensile Strength, minimum       | PSI       | 1500                           | 1500            | ASTM D 2671       |
|                                 |           |                                |                 | 20 inches/minute  |
| Elongation, minimum             | Percent   | 200                            | 200             | ASTM D 2671       |
|                                 |           |                                |                 | 20 inches/minute  |
| Longitudinal Change,<br>maximum | Percent   | 0, -10                         | 0, -10          | ASTM D 2671       |
| Heat Shock                      |           | No dripping,                   | No dripping or  | ASTM D 2671       |
| 4 hours at 250°C                |           | flowing or<br>cracking. Note 1 | flowing. Note 1 |                   |
| 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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|                     |  |            |                          | Specificatio  | n Control Drawing |  |
|---------------------|--|------------|--------------------------|---|-------------------|--|
|                     | TE Connectivity<br>300 Constitution Drive<br>Menlo Park, CA 9402   |            | Raychem                  | Title: DWP-125<br>Flame-Retardant, Dual Wall Polyolefin<br>Heat-Shrinkable Tubing |                   |  |
|                     | erves the right to amend the evaluate the suitability of the suitabili |            | Document No :<br>DWP-125 |   |                   |  |
| 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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