

**Flexible, General Purpose  
Modified Elastomeric  
Tubing**

**Product Facts**

- Remains flexible at temperatures as low as -55°C [-67°F]
- Offers good resistance to abrasion and physical abuse while providing the flexibility and strain relief needed in general-purpose harnessing applications
- Resistant to most common fluids and solvents



**Special Purpose Tubing**

NT



3

Heat-Shrinkable Tubing

**Applications**

Widely used for insulation, strain relief, and abrasion protection on cable harnesses and wire bundles in the commercial electronics industries where a reliable general-purpose tubing is needed. Suitable for applications requiring some exposure to common fluids and solvents.

**Installation**

Minimum shrink temperature: 90°C [194°F]  
Minimum full recovery temperature: 135°C [275°F]

**Operating Temperature Range**

-55°C to 90°C  
[-67°F to 194°F]

**Specifications/Approvals**

| Series | UL  | CSA  | Raychem |
|--------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------|
| NT     | UL E35586<br>600V, 90°C                                                                | CSA LR31929<br>600V, 90°C                                                                 | RT-510  |

| Available in: | Americas | Europe | Asia Pacific |
|---------------|----------|--------|--------------|
|               | ■        | ■      | ■            |

**NT (Continued)**
**Product Dimensions**

| Size  | Inside Diameter              |                                 | Recovered Wall Thickness** After Heating |
|-------|------------------------------|---------------------------------|------------------------------------------|
|       | Minimum Expanded as Supplied | Maximum Recovered After Heating |                                          |
| 1/8   | 3.2 [0.125]                  | 1.6 [0.061]                     | 0.69 ± 0.20 [0.027 ± 0.008]              |
| 3/16  | 4.8 [0.187]                  | 2.5 [0.100]                     | 0.84 ± 0.25 [0.033 ± 0.010]              |
| 1/4   | 6.4 [0.250]                  | 3.6 [0.143]                     | 0.89 ± 0.25 [0.035 ± 0.010]              |
| 3/8   | 9.5 [0.375]                  | 5.4 [0.211]                     | 1.01 ± 0.25 [0.040 ± 0.010]              |
| 1/2   | 12.7 [0.500]                 | 7.3 [0.286]                     | 1.21 ± 0.38 [0.048 ± 0.015]              |
| 5/8   | 15.9 [0.625]                 | 9.1 [0.357]                     | 1.32 ± 0.38 [0.052 ± 0.015]              |
| 3/4   | 19.1 [0.750]                 | 10.9 [0.428]                    | 1.44 ± 0.38 [0.057 ± 0.015]              |
| 7/8   | 22.2 [0.875]                 | 12.7 [0.500]                    | 1.65 ± 0.38 [0.065 ± 0.015]              |
| 1     | 25.4 [1.000]                 | 14.5 [0.570]                    | 1.77 ± 0.51 [0.070 ± 0.020]              |
| 1 1/4 | 31.8 [1.250]                 | 18.1 [0.714]                    | 2.20 ± 0.51 [0.087 ± 0.020]              |
| 1 1/2 | 38.1 [1.500]                 | 21.8 [0.857]                    | 2.41 ± 0.51 [0.095 ± 0.020]              |
| 1 3/4 | 44.5 [1.750]                 | 25.4 [1.000]                    | 2.71 ± 0.51 [0.107 ± 0.020]              |
| 2     | 50.8 [2.000]                 | 29.0 [1.140]                    | 2.79 ± 0.51 [0.110 ± 0.020]              |
| 3     | 76.2 [3.000]                 | 43.4 [1.710]                    | 3.17 ± 0.51 [0.125 ± 0.020]              |
| 4     | 101.6 [4.000]                | 57.9 [2.280]                    | 3.55 ± 0.51 [0.140 ± 0.020]              |

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

**Ordering Information**

| Color                | Standard                                                                                                                                | Black (-0) |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------|
| 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   | On spools.                                                                                                                              |            |
| Ordering description | Specify product name, size and color (for example, NT 1/4-0).                                                                           |            |