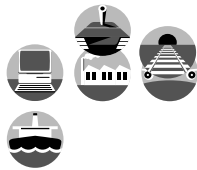


General Purpose, Flame-Retardant* Polyolefin Tubing

Product Facts

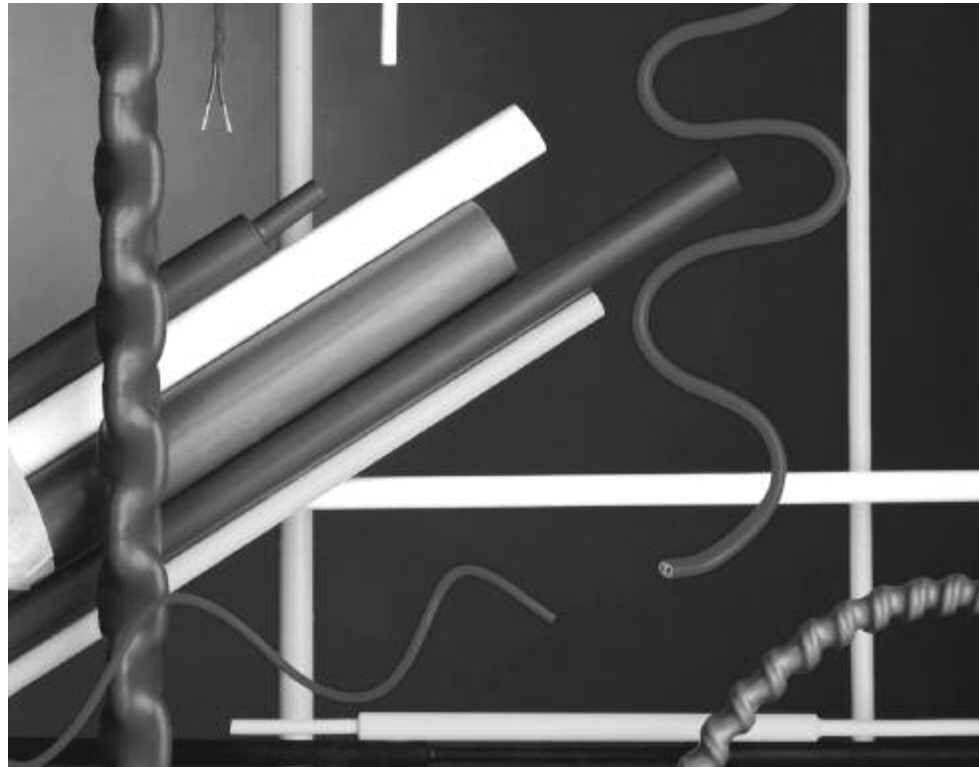
- 2:1 and 3:1 shrink ratio
- Very good chemical and solvent resistance
- Flexible
- Excellent physical and electrical performance



Specifications/Approvals

Single Wall Tubing

CGPT



3 Heat-Shrinkable Tubing

Applications



CGPT is a tough, flexible, general purpose polyolefin tubing with good resistance to common fluids and solvents and a high dielectric strength. Its unique blend of chemical, electrical, and physical properties makes it suitable for a wide range of applications, including electrical insulation, strain relief, cable bundling, color-coding and identification of wires, cables, pipes, and electrical and electronic components, and mechanical protection.

Installation

Minimum shrink temperature: 80°C [176°F]
 Minimum full recovery temperature: 120°C [248°F]

Operating Temperature Range

-40°C to 135°C
 [-40°F to 275°F]

| Series | UL  | CSA  | Raychem |
|--------|--|---|---------|
| CGPT | E35586 600 V, 125°C | LR31929 600 V, 125°C | RW-2059 |

*Clear product (-X) is not flame-retardant.

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



Product Dimensions

CGPT (Continued)

| Size | Inside Diameter | | Recovered Wall Thickness** After Heating |
|------------|------------------------------|---------------------------------|--|
| | Minimum Expanded as Supplied | Maximum Recovered After Heating | |
| 2:1 | | | |
| 1.2/06 | 1.2 [0.046] | 0.6 [0.023] | 0.45 ± 0.12 [0.018 ± 0.005] |
| 1.6/0.8 | 1.6 [0.062] | 0.8 [0.031] | 0.45 ± 0.12 [0.018 ± 0.005] |
| 2.4/1.2 | 2.4 [0.093] | 1.2 [0.046] | 0.50 ± 0.12 [0.019 ± 0.005] |
| 3.2/1.6 | 3.2 [0.125] | 1.6 [0.062] | 0.50 ± 0.12 [0.019 ± 0.005]*** |
| 4.8/2.4 | 4.8 [0.187] | 2.4 [0.093] | 0.50 ± 0.12 [0.019 ± 0.005]*** |
| 6.4/3.2 | 6.4 [0.250] | 3.2 [0.125] | 0.65 ± 0.15 [0.026 ± 0.006]*** |
| 9.5/4.8 | 9.5 [0.375] | 4.8 [0.187] | 0.65 ± 0.15 [0.026 ± 0.006]*** |
| 12.7/6.4 | 12.7 [0.500] | 6.4 [0.250] | 0.65 ± 0.15 [0.026 ± 0.006]*** |
| 19/9.5 | 19.0 [0.748] | 9.5 [0.375] | 0.75 ± 0.15 [0.029 ± 0.006]*** |
| 25.4/12.7 | 25.4 [1.000] | 12.7 [0.500] | 0.90 ± 0.20 [0.035 ± 0.008]*** |
| 32/16 | 32.0 [1.250] | 16.0 [0.630] | 0.95 ± 0.20 [0.037 ± 0.008]*** |
| 38/19 | 38.0 [1.496] | 19.0 [0.748] | 1.00 ± 0.20 [0.039 ± 0.008]*** |
| 51/26 | 51.0 [2.000] | 26.0 [1.000] | 1.15 ± 0.25 [0.045 ± 0.010] |
| 76/38 | 76.0 [2.992] | 38.0 [1.496] | 1.25 ± 0.25 [0.049 ± 0.010] |
| 102/51 | 102.0 [4.016] | 51.0 [2.008] | 1.40 ± 0.30 [0.055 ± 0.012] |
| 3:1 | | | |
| 1.5/0.5 | 1.5 [0.059] | 0.5 [0.020] | 0.45 ± 0.12 [0.018 ± 0.005]*** |
| 3/1 | 3.0 [0.118] | 1.0 [0.040] | 0.55 ± 0.12 [0.022 ± 0.005]*** |
| 6/2 | 6.0 [0.236] | 2.0 [0.079] | 0.65 ± 0.12 [0.026 ± 0.005]*** |
| 9/3 | 9.0 [0.354] | 3.0 [0.118] | 0.75 ± 0.15 [0.030 ± 0.006]*** |
| 12/4 | 12.0 [0.472] | 4.0 [0.157] | 0.75 ± 0.15 [0.030 ± 0.006]*** |
| 18/6 | 18.0 [0.709] | 6.0 [0.236] | 0.85 ± 0.15 [0.033 ± 0.006]*** |
| 24/8 | 24.0 [0.945] | 8.0 [0.315] | 1.00 ± 0.20 [0.039 ± 0.008]*** |
| 39/13 | 39.0 [1.540] | 13.0 [0.512] | 1.15 ± 0.25 [0.045 ± 0.010] |

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

Ordering Information

| | | |
|------------------------|---|---|
| Color | Standard | Black (-0), White (-9), red (-2), blue (-6), yellow (-4), green (-5), clear (-X), yellow/green (-45) as indicated by an *** |
| 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, CGPT 4.8/2.4-0). | |

****Available in the convenient RaySpool packaging/dispensing system for sizes:

2:1 - 2.4/1.2 up to 25.4/12.7

3:1 - 3/1 up to 24/8



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