

CGPT

General purpose, flame-retardant,
polyolefin 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.

Features and benefits

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

Installation

Minimum shrink temperature: 80°C
Minimum full recovery temperature: 120°C

Operating temperature range

-40°C.to 135°C.

Available in:



Americas

Europe

Asia Pacific



Specifications/approvals

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

Product dimensions (mm/in)

Size	Inside diameter		Recovered wall thickness**	
	Minimum expanded as supplied	Maximum recovered after heating	After heating	
2:1				
1.2/0.6	1.2 (0.047)	0.6 (0.024)	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 (1.250)	16 (0.629)	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 (1.00)	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 (0.519)	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 above 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