

## 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	LR31929*	RW-2059
	600 V, 125°C	600 V, 125°C	

**Product dimensions (mm/in)**

Product dimensions (mm)			Recovered wall thickness**	
Size	Inside diameter		Maximum recovered after heating	After heating
	Minimum expanded as supplied			
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 <b>boxes</b>	
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