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.

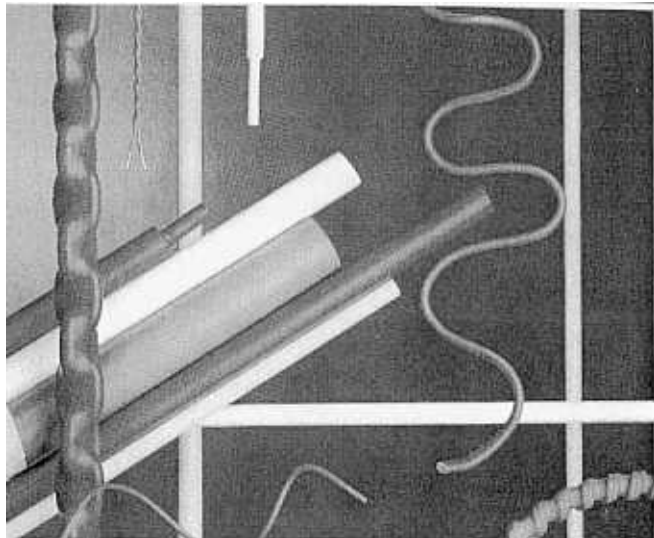## Operating Temperature Range
–40°C to 135°C

Features/Benefits
- 2:1 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

Specifications/Approvals

Series	UL	CSA	Raychem
CGPT	E35586 600 V, 125°C	LR31929* 600 V, 125°C	RK-6085

*The clear product (-X) is not flame-retardant.

Product Dimensions (mm/*in*)

Size	Inside diameter				Wall thickness	
	D (min.) expanded as supplied		D (max.) recovered after heating		Recovered after heating**	
1.2/0.6	1.2	(.047)	0.6	(.024)	0.45	(.018)
1.6/0.8	1.6	(.062)	0.8	(.031)	0.45	(.018)
2.4/1.2	2.4	(.093)	1.2	(.046)	0.50	(.019)
3.2/1.6	3.2	(.125)	1.6	(.062)	0.50	(.019)
4.8/2.4	4.8	(.187)	2.4	(.093)	0.50	(.019)
6.4/3.2	6.4	(.250)	3.2	(.125)	0.65	(.026)
9.5/4.8	9.5	(.375)	4.8	(.187)	0.65	(.026)
12.7/6.4	12.7	(.500)	6.4	(.250)	0.65	(.026)
19/9.5	19.0	(.748)	9.5	(.375)	0.75	(.029)
25.4/12.7	25.4	(1.000)	12.7	(.500)	0.90	(.035)
38/19	38.0	(1.496)	19.0	(.748)	1.00	(.039)
51.0/25.4	51.0	(2.000)	25.4	(1.00)	1.15	(.045)
76.0/38.0	76.0	(2.992)	38.0	(1.496)	1.25	(.049)
102.0/51.0	102.0	(4.016)	51.0	(2.008)	1.40	(.055)

**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)
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).