

CGPT



GENERAL PURPOSE, FLAME-RETARDANT* POLYOLEFIN TUBING

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, colour-coding and identification of wires, cables, pipes, and electrical and electronic components, and mechanical protection.

TEMPERATURE RATING

- Continuous operating temperature from **-40°C up to +135°C**
- Minimum shrink temperature: **+80°C**
- Minimum full recovery temperature: **+120°C**

SPECIFICATIONS

- SPEC: **108-120044**
- UL: **E35586, 600 V, 125°C**
- CSA: **LR31929, 600 V, 125°C**
- Flammability Rating:
ASTM D2671, Procedure B (not clear)

MARKETS

- Automotive
- Aerospace
- Appliances
- Defense & Military
- Automation & Control
- Industrial & Commercial Transportation
- Rail
- Industrial Machinery

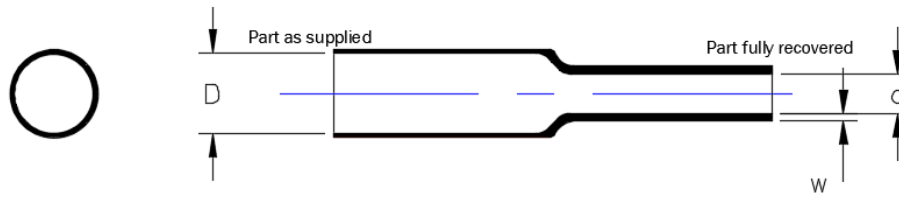
TYPICAL APPLICATION

- Suitable for a wide range of applications including electrical insulation, strain relief, cable bundling, color-coding, and mechanical protection.

PRODUCT BENEFITS

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

DIMENSIONS (MILLIMETERS/INCHES)




CGPT 2:1 RATIO STANDARD SIZES

SIZE	INSIDE DIAMETER AS SUPPLIED (MIN) MM (INCH) D		INSIDE DIAMETER AFTER RECOVERY (MAX) MM (INCH) d		WALL THICKNESS AFTER RECOVERY (NOM) MM (INCH) W		WALL THICKNESS TOLERANCE AFTER RECOVERY	
	mm	in	mm	in	mm	in	mm	in
1.2/0.6	1.20	.047	0.60	.024	0.45	.018	0.12	.005
1.6/0.8	1.60	.063	0.80	.031	0.45	.018	0.12	.005
2.4/1.2	2.40	.094	1.20	.047	0.50	.020	0.12	.005
3.2/1.6	3.20	.126	1.60	.063	0.50	.020	0.12	.005
4.8/2.4	4.80	.189	2.40	.094	0.50	.020	0.12	.005
6.4/3.2	6.40	.252	3.20	.126	0.65	.026	0.15	.006
9.5/4.8	9.50	.374	4.80	.189	0.65	.026	0.15	.006
12.7/6.4	12.70	.500	6.40	.252	0.65	.026	0.15	.006
19/9.5	19.00	.748	9.50	.374	0.75	.030	0.15	.006
25.4/12.7	25.40	1.00	12.70	.500	0.90	.035	0.20	.008
32/16	32.00	1.220	16.00	.63	0.95	.037	0.20	.008
38/19	38.00	1.496	19.00	.748	1.00	.039	0.20	.008
51/26	51.00	2.008	26.00	1.02	1.15	.045	0.25	.010
76/38	76.00	2.992	38.00	1.496	1.25	.049	0.25	.010
102/51	102.00	4.016	51.00	2.008	1.40	.055	0.30	.011

CGPT 3:1 RATIO STANDARD SIZES

SIZE	INSIDE DIAMETER AS SUPPLIED (MIN) MM (INCH) D		INSIDE DIAMETER AFTER RECOVERY (MAX) MM (INCH) d		WALL THICKNESS AFTER RECOVERY (NOM) MM (INCH) W		WALL THICKNESS TOLERANCE AFTER RECOVERY	
	mm	in	mm	in	mm	in	mm	in
1.5/0.5	1.50	.059	0.50	.020	0.45	.018	0.12	.005
3/1	3.00	.118	1.00	.039	0.55	.022	0.12	.005
6/2	6.00	.236	2.00	.079	0.65	.026	0.12	.005
9/3	9.00	.354	3.00	.118	0.75	.030	0.15	.006
12/4	12.00	.472	4.00	.157	0.75	.030	0.15	.006
18/6	18.00	.709	6.00	.236	0.85	.033	0.15	.006
24/8	24.00	.945	8.00	.315	1.00	.039	0.20	.008
39/13	39.00	1.535	13.00	.512	1.15	.045	0.25	.010

ORDERING INFORMATION

Colour	Standard: Black (-0), White (-9), Red (-2), Blue (-6), Yellow (-4), Brown (-1), Grey (-8), Clear (-X), Yellow/Green (-45) as indicated by an *** Nonstandard: Orange (-3), Green (-5), Violet (-7), in 2:1 sizes, 1.2/0.6 through 51/26 only.
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 family, size/range, color and package CGPT-X/X-X-X  <p>The diagram shows the code 'CGPT-X/X-X-X' with four arrows pointing to its components: 'CGPT' points to 'Product Family', the first 'X' points to 'Size/Range', the second 'X' points to 'Color', and the third 'X' points to 'Package'.</p>

****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

Are you looking to seal out moisture, offer enhanced strain relief, or provide rigorous mechanical protection?
Do you need a flame retardant product? Leverage TE Connectivity's (TE) comprehensive portfolio of heat shrink tubing products in a wide range of applications.

Learn more: [TE.com/heatshrinktubing](https://www.te-connectivity.com/heatshrinktubing)

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