

- Very good chemical and solvent resistance
- Wide range of colours including green/yellow stripes
- Flexible
- Excellent physical and electrical performance

CGPT

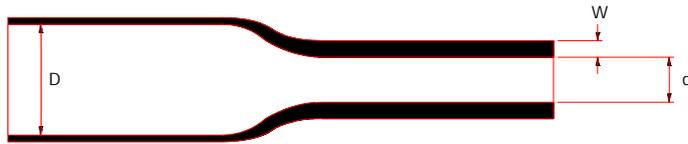
General purpose, flame retarded, polyolefin heat-shrinkable tubing

CGPT is a tough, flexible, general purpose polyolefin tubing with good resistance to common fluids and solvents and a high dielectric strength.

Available in 2:1 and 3:1 shrink ratios 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.

Ordering information



	Inside diameter		Wall thickness	Standard package		Ordering description
	D (min) Expanded as supplied mm	d (max) Recovered after heating mm	W (nom) Recovered after heating mm	1.2 m Length quantity m	Spool quantity m	
2:1 Shrink ratio	1.2	0.6	0.45	60	300	CGPT-1.2/0.6-colour code
	1.6	0.8	0.45	60	300	CGPT-1.6/0.8-colour code
	2.4	1.2	0.50	60	150	CGPT-2.4/1.2-colour code
	• 3.2	1.6	0.50	60	150	CGPT-3.2/1.6-colour code
	• 4.8	2.4	0.50	60	150	CGPT-4.8/2.4-colour code
	• 6.4	3.2	0.65	36	75	CGPT-6.4/3.2-colour code
	• 9.5	4.8	0.65	36	75	CGPT-9.5/4.8-colour code
	• 12.7	6.4	0.65	36	75	CGPT-12.7/6.4-colour code
	• 19.0	9.5	0.75	36	75	CGPT-19/9.5-colour code
	• 25.4	12.7	0.90	18	30	CGPT-25.4/12.7-colour code
	• 32.0	16.0	0.95	-	30	CGPT-32/16-colour code
3:1 Shrink ratio	• 38.0	19.0	1.00	18	30	CGPT-38/19-colour code
	51.0	25.4	1.15	12	30	CGPT-51/25.4-colour code
	76.0	38.0	1.25	6	15	CGPT-76/38-colour code
	102.0	51.0	1.40	6	15	CGPT-102/51-colour code
	1.5	0.5	0.45	-	300	CGPT-1.5/0.5-colour code
	3.0	1.0	0.55	-	150	CGPT-3/1-colour code
	6.0	2.0	0.65	-	75	CGPT-6/2-colour code
	9.0	3.0	0.75	-	75	CGPT-9/3-colour code
12.0	4.0	0.75	-	75	CGPT-12/4-colour code	
18.0	6.0	0.85	-	75	CGPT-18/6-colour code	
24.0	8.0	1.00	-	30	CGPT-24/8-colour code	
39.0	13.0	1.15	-	30	CGPT-39/13-colour code	

Standard colours

	Black	Red	Yellow	Green
Code	0	2	4	5
	Blue	White	Clear	Green/Yellow stripes (sizes marked ●)
	6	9	X	45

CGPT

Temperature rating

Operating temperature range:	-40°C to +135°C
Minimum shrink temperature:	+80°C
Minimum full recovery temperature:	+120°C

Approvals

- *UL File E35586
 - *CSA LR31929
 - *Not clear product (X).
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Performance

Test	Test method	Test requirement
Heat ageing:	ISO188 (168 h at 150°C)	Ultimate elongation: 150% (min)
Corrosion resistance:	ASTM D2671 (16h at 175°C)	No corrosion of mirrors
Dielectric strength:	IEC 243	$\varnothing \leq 25.4$ 20 MV/m $\varnothing > 25.4$ 10 MV/m
*Flame retardancy:	ASTM D2671 (Procedure B) UL 224 (All tube flame test)	Duration of burning 60s max.
Fluid resistance:	24 h at 23°C, ISO 37	Tensile strength: 5 MPa (min) Ultimate elongation: 175% (min)
	Test fluids:	Petrol (100 octane) Lubricating oil (0.148) Hydraulic fluid (H515)

*Not clear product (X).

Specifications

- Raychem Specification RW 2059.
 - Material Safety Data Sheet available on request.
 - Installation instructions available on request.
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RW 2059.1299