



RoHS Compliant

2:1 shrink ratio

## CGPT Polyolefin

### Commercial grade, flexible tubing

A tough and flexible general purpose polyolefin tubing, providing a good blend of chemical, electrical and physical performance properties. Suitable for electrical insulation, strain relief, cable bundling, colour coding, identification of wires, cables and electronic components.

#### Features & Benefits

- Very good chemical & solvent resistance
- Excellent physical & electrical properties
- Wide range of sizes and colours available

#### Operating Temperature

- From -40°C to +135°C

#### Installation

- Minimum shrink temperature +80°C
- Minimum full recovery +120°C

#### Specifications & Approvals

- RW-2059
- UL E35586, 600v, 125°C
- CSA LR 31929, 600v, 125°C

Clear is not flame retardant

Inside Diameter		Wall Thickness	Pack Size	Part Number
Minimum Supplied (mm)	Maximum Recovered (mm)	Nominal Recovered (mm)	Spools Only (SP)	
1.2	0.6	0.45	600m	CGPT-1.2/0.6-Colour-SP
1.6	0.8	0.45	600m	CGPT-1.6/0.8-Colour-SP
2.4	1.2	0.50	300m	CGPT-2.4/1.2-Colour-SP
3.2	1.6	0.50	300m	CGPT-3.2/1.6-Colour-SP
4.8	2.4	0.50	300m	CGPT-4.8/2.4-Colour-SP
6.4	3.2	0.65	150m	CGPT-6.4/3.2-Colour-SP
9.5	4.8	0.65	150m	CGPT-9.5/4.8-Colour-SP
12.7	6.4	0.65	150m	CGPT-12.7/6.4-Colour-SP
19.0	9.5	0.75	150m	CGPT-19/9.5-Colour-SP
25.4	12.7	0.90	60m	CGPT-25.4/12.7-Colour-SP
38.0	19.0	1.00	60m	CGPT-38/19-Colour-SP
51.0	25.4	1.15	30m	CGPT-51/25.4-Colour-SP
76.0	38.0	1.25	15m	CGPT-76/38-Colour-SP
102.0	51.0	1.40	15m	CGPT-102/51-Colour-SP

**Part Number Example; CGPT-25.4/12.7-2-SP** 25.4mm inside diameter, red tubing.

#### Ordering Information

Standard colour: 0=Black, 2=Red, 4=Yellow, 5=Green, 6=Blue, 9=White, X=Clear.  
45=Yellow/Green stripes available for sizes 3.2/1.6 to 38/19 only.

Size selection: The largest size that will recover snugly over the component(s).

# Protective Tubing

## CGPT

### Polyolefin

#### Commercial, flexible tubing

A tough and flexible general purpose polyolefin tubing, providing a good blend of chemical, electrical and physical performance properties. Suitable for electrical insulation, strain relief, cable bundling, colour coding, identification of wires, cables and electronic components.

#### Features & Benefits

- Very good chemical & solvent resistance
- Excellent physical & electrical properties
- Wide range of sizes and colours available

#### Operating Temperature

- From -40°C to +135°C

#### Installation

- Minimum shrink temperature +80°C
- Minimum full recovery +120°C

3:1 shrink ratio



RoHS Compliant

#### Specifications & Approvals

- RW-2059
- UL E35586, 600v, 125°C
- CSA LR 31929, 600v, 125°C

Inside Diameter		Wall Thickness	Pack Size	Part Number
Minimum Supplied (mm)	Maximum Recovered (mm)	Nominal Recovered (mm)	Spools Only (SP)	
1.5	0.5	0.45	600m	CGPT-1.5/0.5-Colour-SP
3.0	1.0	0.55	300m	CGPT-3/1-Colour-SP
6.0	2.0	0.65	150m	CGPT-6/2-Colour-SP
9.0	3.0	0.75	150m	CGPT-9/3-Colour-SP
12.0	4.0	0.75	150m	CGPT-12/4-Colour-SP
18.0	6.0	0.85	150m	CGPT-18/6-Colour-SP
24.0	8.0	1.00	60m	CGPT-24/8-Colour-SP
39.0	13.0	1.15	60m	CGPT-39/13-Colour-SP

#### Note:

- Wall thickness will be less if tubing recovery is restricted during shrinkage.
- Clear is not flame retardant

**Part Number Example; CGPT-12/4-9-SP** 12.0mm inside diameter, white tubing.

#### Ordering Information

Standard colour: 0=Black, 2=Red, 4=Yellow, 5=Green, 6=Blue, 9=White, X=Clear.  
Size selection: The largest size that will recover snugly over the component(s).  
Standard packaging: Spools only

© 2015 IS-Group all rights reserved no unauthorised reproduction