

## Heat Shrink Tubing



### Features:

- It is a tough, flexible, general purpose polyolefin tubing with good resistance to common fluids and solvents and a high dielectric strength
- General purpose, polyolefin heat-shrinkable tubing
- Very good chemical and solvent resistance, wide range of colours black, red, yellow, green, blue, white including green/yellow stripes, flexible, excellent physical and electrical performance
- 3:1 shrink ratio its unique blend of chemical, electrical and physical properties make 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



### Specifications:

Operating Temperature Range	: -40°C to +135°C
Minimum Shrink Temperature	: +80°C
Minimum Full Recovery Temperature	: +120°C

### Performance

Test	Test Method	Test Requirement
Heat Ageing	ISO188 (168 Hours at 150°C)	Minimum Ultimate Elongation : 150%
Corrosion Resistance	ASTM D2671 (16 Hours 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 Maximum
Fluid Resistance	24 Hours at 23°C, ISO 37	Minimum Tensile Strength : 5 MPa Minimum Ultimate Elongation : 175%
Fluid Resistance	Test Fluids	Petrol (100 Octane) Lubricating Oil (0.148) Hydraulic Fluid (H515)

\* Not Clear Product (X).

## Heat Shrink Tubing

Specification Table

Inside Diameter		Wall Thickness	Length (m)	Part Number
Minimum Expanded as Supplied (D)	Maximum Recovered After Heating (d)	Nominal Recovered After Heating (W)		
3	1	0.55	10	CGFC-3/1-0
6	2	0.65	7	CGFC-6/2-0
9	3	0.75	5	CGFC-9/3-0
12	4	0.75	4	CGFC-12/4-0
18	6	0.85	3	CGFC-18/6-0
24	8	1	3	CGFC-24/8-0
3	1	0.55	10	CGFC-3/1-2
6	2	0.65	7	CGFC-6/2-2
9	3	0.75	5	CGFC-9/3-2
12	4	0.75	4	CGFC-12/4-2
18	6	0.85	3	CGFC-18/6-2
24	8	1	3	CGFC-24/8-2
3	1	0.55	10	CGFC-3/1-4
9	3	0.75	5	CGFC-9/3-4
12	4	0.75	4	CGFC-12/4-4
18	6	0.85	3	CGFC-18/6-4
24	8	1	3	CGFC-24/8-4
3	1	0.55	10	CGFC-3/1-5
6	2	0.65	7	CGFC-6/2-5
9	3	0.75	5	CGFC-9/3-5
12	4	0.75	4	CGFC-12/4-5
18	6	0.85	3	CGFC-18/6-5
3	1	0.55	10	CGFC-3/1-6
6	2	0.65	7	CGFC-6/2-6
9	3	0.75	5	CGFC-9/3-6
12	4	0.75	4	CGFC-12/4-6
18	6	0.85	3	CGFC-18/6-6
24	8	1	3	CGFC-24/8-6
3	1	0.55	10	CGFC-3/1-9

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Specification Table

Inside Diameter		Wall Thickness	Length (m)	Part Number
Minimum Expanded as Supplied (D)	Maximum Recovered After Heating (d)	Nominal Recovered After Heating (W)		
6	2	0.65	7	CGFC-6/2-9
9	3	0.75	5	CGFC-9/3-9
12	4	0.75	4	CGFC-12/4-9
18	6	0.85	3	CGFC-18/6-9
24	8	1	3	CGFC-24/8-9
3	1	0.55	10	CGFC-3/1-45
6	2	0.65	7	CGFC-6/2-45
9	3	0.75	5	CGFC-9/3-45
12	4	0.75	4	CGFC-12/4-45
18	6	0.85	3	CGFC-18/6-45
24	8	1	3	CGFC-24/8-45

Dimensions : Millimetres (Unless Specified)

### Part Number Explanation:

<b>CGFC</b>	<b>3/1</b>	<b>0</b>
Series	Inside Diameter	Colour Code

**Inside Diameter** : Expanded as supplied/Recovered after heating

**Colour Code** : 0 = Black, 2 = Red, 4 = Yellow, 5 = Green, 6 = Blue, 9 = White, 45 = Green/Yellow

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