



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	$\varnothing \leq 25.4$ 20MV/m $\varnothing > 25.4$ 10MV/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 : 5MPa Minimum Ultimate Elongation : 175%
	Test Fluids	Petrol (100 Octane) Lubricating Oil (0.148) Hydraulic Fluid (H515)

* Not Clear Product (X).

CGFC Series

Heat Shrink Tubing

PRO-POWER
Quality Cables

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)		
3.0	1.0	0.55	10	CGFC-3/1-0
6.0	2.0	0.65	7	CGFC-6/2-0
9.0	3.0	0.75	5	CGFC-9/3-0
12.0	4.0		4	CGFC-12/4-0
18.0	6.0	0.85	3	CGFC-18/6-0
24.0	8.0	1.00		CGFC-24/8-0
3.0	1.0	0.55	10	CGFC-3/1-2
6.0	2.0	0.65	7	CGFC-6/2-2
9.0	3.0	0.75	5	CGFC-9/3-2
12.0	4.0		4	CGFC-12/4-2
18.0	6.0	0.85	3	CGFC-18/6-2
24.0	8.0	1.00		CGFC-24/8-2
3.0	1.0	0.55	10	CGFC-3/1-4
9.0	3.0	0.75	5	CGFC-9/3-4
12.0	4.0		4	CGFC-12/4-4
18.0	6.0	0.85	3	CGFC-18/6-4
24.0	8.0	1.00		CGFC-24/8-4
3.0	1.0	0.55	10	CGFC-3/1-5
6.0	2.0	0.65	7	CGFC-6/2-5
9.0	3.0	0.75	5	CGFC-9/3-5
12.0	4.0		4	CGFC-12/4-5
18.0	6.0	0.85	3	CGFC-18/6-5
3.0	1.0	0.55	10	CGFC-3/1-6
6.0	2.0	0.65	7	CGFC-6/2-6
9.0	3.0	0.75	5	CGFC-9/3-6
12.0	4.0		4	CGFC-12/4-6
18.0	6.0	0.85	3	CGFC-18/6-6
24.0	8.0	1.00		CGFC-24/8-6
3.0	1.0	0.55	10	CGFC-3/1-9
6.0	2.0	0.65	7	CGFC-6/2-9

Dimensions : Millimetres (Unless Specified)

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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)		
9.0	3.0	0.75	5	CGFC-9/3-9
12.0	4.0		4	CGFC-12/4-9
18.0	6.0	0.85	3	CGFC-18/6-9
24.0	8.0	1.00		CGFC-24/8-9
3.0	1.0	0.55	10	CGFC-3/1-45
6.0	2.0	0.65	7	CGFC-6/2-45
9.0	3.0	0.75	5	CGFC-9/3-45
12.0	4.0		4	CGFC-12/4-45
18.0	6.0	0.85	3	CGFC-18/6-45
24.0	8.0	1.00		CGFC-24/8-45

Dimensions : Millimetres (Unless Specified)

Part Number Explanation:

CGFC

Series

3/1

Inside Diameter

0

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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CGFC Series

Heat Shrink Tubing

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Notes:

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