

CGFC Series

Heat Shrink Tubing

pro-POWER



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
 Min. Shrink Temperature : +80°C
 Min. Full Recovery Temperature : +120°C

Performance

Test	Test Method	Test Requirement
Heat Ageing	ISO188 (168 Hours at 150°C)	Min. Ultimate Elongation : 150%
Corrosion Resistance	ASTM D2671 (16 Hours at 175°C)	No Corrosion of Mirrors
Dielectric Strength	IEC 243	Ø ≤25.4 20MV/m Ø >25.4 10MV/m
Fluid Resistance	24 Hours at 23°C, ISO 37	Min. Tensile Strength : 5MPa Min. Ultimate Elongation : 175%
	Test Fluids	Petrol (100 Octane) Lubricating Oil (0.148) Hydraulic Fluid (H515)



Part Number Table

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

www.element14.com
 www.farnell.com
 www.newark.com
 www.cpc.co.uk

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Inside Diameter		Wall Thickness	Length (m)	Colour	Part Number
Min. Expanded as Supplied (D)	Max. Recovered After Heating (d)	Nominal Recovered After Heating (W)			
24	8	1	3	Black	CGFC-24/8-0
3	1	0.55	10	Red	CGFC-3/1-2
6	2	0.65	7	Red	CGFC-6/2-2
12	4	0.75	4	Red	CGFC-12/4-2
18	6	0.85	3	Red	CGFC-18/6-2
24	8	1	3	Red	CGFC-24/8-2
3	1	0.55	10	Yellow	CGFC-3/1-4
6	2	0.65	7	Yellow	CGFC-6/2-4
9	3	0.75	5	Yellow	CGFC-9/3-4
12	4	0.75	4	Yellow	CGFC-12/4-4
18	6	0.85	3	Yellow	CGFC-18/6-4
24	8	1	3	Yellow	CGFC-24/8-4
3	1	0.55	10	Green	CGFC-3/1-5
6	2	0.65	7	Green	CGFC-6/2-5
12	4	0.75	4	Green	CGFC-12/4-5
18	6	0.85	3	Green	CGFC-18/6-5
3	1	0.55	10	Blue	CGFC-3/1-6
6	2	0.65	7	Blue	CGFC-6/2-6
9	3	0.75	5	Blue	CGFC-9/3-6
12	4	0.75	4	Blue	CGFC-12/4-6
18	6	0.85	3	Blue	CGFC-18/6-6
24	8	1	3	Blue	CGFC-24/8-6
3	1	0.55	10	White	CGFC-3/1-9
6	2	0.65	7	White	CGFC-6/2-9
9	3	0.75	5	White	CGFC-9/3-9
12	4	0.75	4	White	CGFC-12/4-9
18	6	0.85	3	White	CGFC-18/6-9
24	8	1	3	White	CGFC-24/8-9
3	1	0.55	10	Green/Yellow	CGFC-3/1-45
9	3	0.75	5	Green/Yellow	CGFC-9/3-45
12	4	0.75	4	Green/Yellow	CGFC-12/4-45
18	6	0.85	3	Green/Yellow	CGFC-18/6-45
24	8	1	3	Green/Yellow	CGFC-24/8-45

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