

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

pro-POWER

CGFC Series

Heat Shrink Tubing

pro-POWER

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.

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

pro-POWER