

# 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
24	8	1	3	Black	CGFC-24/8-0

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Min. Expanded as Supplied (D)	Max. Recovered After Heating (d)	Nominal Recovered After Heating (W)			
3	1	0.55	10	Red	CGFC-3/1-2
6	2	0.65	7	Red	CGFC-6/2-2
9	3	0.75	5	Red	CGFC-9/3-2
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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Min. Expanded as Supplied (D)	Max. Recovered After Heating (d)	Nominal Recovered After Heating (W)			
3	1	0.55	10	Clear	CGFC-3/1-X
6	2	0.65	7	Clear	CGFC-6/2-X
12	4	0.75	4	Clear	CGFC-12/4-X
18	6	0.85	3	Clear	CGFC-18/6-X
24	8	1	3	Clear	CGFC-24/8-X

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