

CTFC Series

Heat Shrink Tubing

pro-POWER



Description:

It is a flexible polyolefin heat-shrinkable tubing with an inner meltable adhesive lining. It is ideal for the environmental protection of electrical components and the sealing of connectors. Typical applications and environmental sealing for electrical components, wire breakouts and cable jackets.

Features:

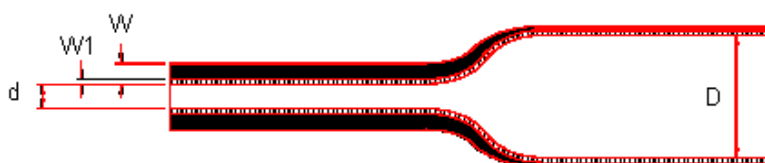
- High strength bonding.
- Moisture proof.
- Environmental sealing.
- 3:1 shrink ratio.

Specifications:

Operating Temperature Range : -30°C to +80°C

Min. Shrink Temperature : +80°C

Min. Full Recovery Temperature : +115°C



Specification Table

Inside Diameter		Wall Thickness		Length (m)	Part Number
Min. Expanded as Supplied (D)	Max. Recovered After Heating (d)	Nominal Recovered After Heating (W) Black	Meltable Wall Recovered After Heating (W1)		
3	1	1	0.5	1.2	CTFC-3/1-0-STK
6	2				CTFC-6/2-0-STK
9	3	1.35	0.6		CTFC-9/3-0-STK
12	4	1.5	0.7		CTFC-12/4-0-STK
18	6	1.7	0.8		CTFC-18/6-0-STK
24	8	1.95	1		CTFC-24/8-0-STK
39	13	2.1			CTFC-39/13-0-STK

Dimensions : Millimetres (Unless Specified)

CTFC Series

Heat Shrink Tubing

pro-POWER

Performance

Test	Test Method	Test Requirement
Min. Tensile Strength	ISO 37	9MPa
Min. Ultimate Elongation	ISO 37	200%
Heat Shock	4 Hours at 150°C	Pass - no Dripping, Cracking or Flowing of Outer Wall
Heat Ageing	168 Hours at 125°C	
Low Temperature Flexibility	4 Hours at -55°C	Pass - no Cracking
Min. Dielectric Strength	IEC 243	12MV/m
Fluid Resistance	24 Hours at 23°C, ISO 37	Min. Tensile Strength : 5MPa Min. Ultimate Elongation : 200%
	Test Fluids	Petrol 100 Octane Engine Oil (SAE 20W/50) Hydraulic Fluid (SAE J1703)

Part Number Explanation:

CTFC	3/1	0
Series	Inside Diameter	Colour Code

Inside Diameter : Expanded as supplied/Recovered after heating.

Colour Code : 0 = Black.

Part Number Table

Description	Part Number
Heatshrink, Adhesive, 3mm, Black, 1.2m	CTFC-3/1-0-STK
Heatshrink, Adhesive, 6mm, Black, 1.2m	CTFC-6/2-0-STK
Heatshrink, Adhesive, 9mm, Black, 1.2m	CTFC-9/3-0-STK
Heatshrink, Adhesive, 12mm Black, 1.2m	CTFC-12/4-0-STK
Heatshrink, Adhesive, 18mm, Black, 1.2m	CTFC-18/6-0-STK
Heatshrink, Adhesive, 24mm, Black, 1.2m	CTFC-24/8-0-STK
Heatshrink, Adhesive, 39mm, Black, 1.2m	CTFC-39/13-0-STK

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.