

CTFC Series Heat Shrink Tubing



Description:

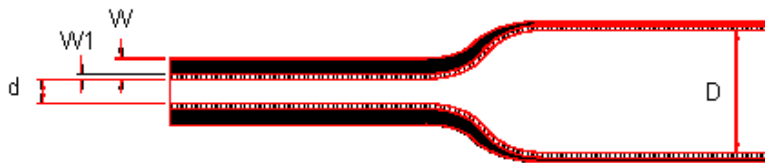
It is a flexible polyolefin heat-shrinkable tubing with an inner meltable adhesive lining. It is ideal for the environmental protection of electrical components and the sealing of connectors. Typical applications and environmental sealing for electrical components, wire breakouts and cable jackets.

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

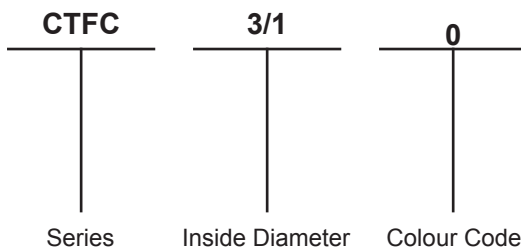
Heat Shrink Tubing



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:



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

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