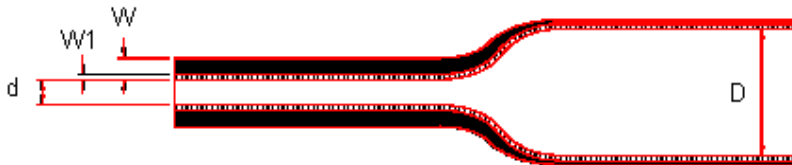


CTFC Series

Heat Shrink Tubing

PRO-POWER
Quality Cables



Features:

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

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.

Specifications:

Operating Temperature Range	: -30°C to +80°C.
Minimum Shrink Temperature	: +80°C.
Minimum Full Recovery Temperature	: +115°C.

Performance

Test	Test Method	Test Requirement
Minimum Tensile Strength	ISO 37	9MPa
Minimum 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
Minimum Dielectric Strength	IEC 243	12MV/m
Fluid Resistance	24 Hours at 23°C, ISO 37	Minimum Tensile Strength : 5MPa Minimum Ultimate Elongation : 200%
	Test Fluids	Petrol 100 Octane Engine Oil (SAE 20W/50) Hydraulic Fluid (SAE J1703)

PRO-POWER
Quality Cables

CTFC Series

Heat Shrink Tubing

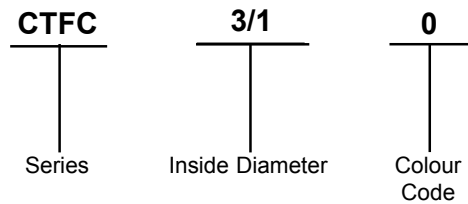
PRO-POWER
Quality Cables

Specification Table

Inside Diameter		Wall Thickness		Length (m)	Part Number
Minimum Expanded as Supplied (D)	Maximum Recovered After Heating (d)	Nominal Recovered After Heating (W) Black	Meltable Wall Recovered After Heating (W1)		
3.0	1.0	1.00	0.5	1.2	CTFC-3/1-0-4FT
6.0	2.0				CTFC-6/2-0-4FT
9.0	3.0	1.35	0.6		CTFC-9/3-0-4FT
12.0	4.0	1.50	0.7		CTFC-12/4-0-4FT
18.0	6.0	1.70	0.8		CTFC-18/6-0-4FT
24.0	8.0	1.95	1.0		CTFC-24/8-0-4FT
39.0	13.0	2.10			CTFC-39/13-0-4FT

Dimensions : Millimetres (Unless Specified)

Part Number Explanation:



Inside Diameter : Expanded as supplied/Recovered after heating.

Colour Code : 0 = Black.

PRO-POWER
Quality Cables

CTFC Series

Heat Shrink Tubing

PRO-POWER
Quality Cables

Notes:

International Sales Offices:



AUSTRALIA – Farnell InOne
Tel No: ++ 61 2 9645 8888
Fax No: ++ 61 2 9644 7898



FINLAND – Farnell InOne
Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411



NETHERLANDS – Farnell InOne
Tel No: ++ 31 30 241 7373
Fax No: ++ 31 30 241 7333



SWITZERLAND – Farnell InOne
Tel No: ++ 41 1 204 64 64
Fax No: ++ 41 1 204 64 54



AUSTRIA – Farnell InOne
Tel No: ++ 43 662 2180 680
Fax No: ++ 43 662 2180 670



FRANCE – Farnell InOne
Tel No: ++ 49 89 61 39 39 99
Fax No: ++ 33 474 68 99 90



NEW ZEALAND – Farnell InOne
Tel No: ++ 64 9 357 0646
Fax No: ++ 64 9 357 0656



UK – Farnell InOne
Tel No: ++ 44 8701 200 200
Fax No: ++ 44 8701 200 201



BELGIUM – Farnell InOne
Tel No: ++ 32 3 475 2810
Fax No: ++ 32 3 227 3648



GERMANY – Farnell InOne
Tel No: ++ 49 89 61 39 39 99
Fax No: ++ 49 89 613 59 01



NORWAY – Farnell InOne
Tel No: ++ 45 44 53 66 66
Fax No: ++ 45 44 53 66 02



UK – BuckHickman InOne
++ 44 8450 510 150
++ 44 8450 510 130



BRAZIL – Farnell-Newark InOne
Tel No: ++ 55 11 4066 9400
Fax No: ++ 55 11 4066 9410



HONG KONG – Farnell-Newark InOne
Tel No: ++ 852 2268 9888
Fax No: ++ 852 2268 9899



PORTUGAL – Farnell InOne
Tel No: ++ 34 93 475 8804
Fax No: ++ 34 93 474 5288



UK – CPC
++ 44 8701 202 530
++ 44 8701 202 531



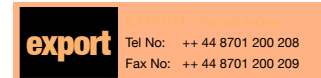
CHINA – Farnell-Newark InOne
Tel No: ++86 10 6238 5152
Fax No: ++86 10 6238 5022



IRELAND – Farnell InOne
Tel No: ++ 353 1 830 9277
Fax No: ++ 353 1 830 9016



SINGAPORE – Farnell-Newark InOne
Tel No: ++ 65 6788 0200
Fax No: ++ 65 6788 0300



For enquiries from all other markets



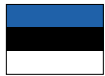
DENMARK – Farnell InOne
Tel No: ++ 45 44 53 66 44
Fax No: ++ 45 44 53 66 06



ITALY – Farnell InOne
Tel No: ++ 39 02 93 995 200
Fax No: ++ 39 02 93 995 300



SPAIN – Farnell InOne
Tel No: ++ 34 93 475 8805
Fax No: ++ 34 93 474 5107



ESTONIA – Farnell InOne
Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411



MALAYSIA – Farnell-Newark InOne
Tel No: ++ 60 3 7873 8000
Fax No: ++ 60 3 7873 7000



SWEDEN – Farnell InOne
Tel No: ++ 46 8 730 50 00
Fax No: ++ 46 8 83 52 62

<http://www.farnellinone.com>

<http://www.buckhickmaninone.com>

<http://www.cpc.co.uk>

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (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 2004.

PRO-POWER
Quality Cables