

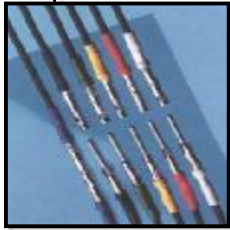
Thermal Memory Ltd

6 Dodd Croft
Rochdale OL16 4QX
Gtr. Manchester
Great Britain

Website : www.shrinkfit.co.uk

E-mail : shrinkfit@gmail.com

EC2 is a tough, flexible, flame retarded general purpose, commercial grade irradiated XL cross-linked polyolefin cable protection heatshrink tubing, designed for a wide range of applications where material cost is an important factor.



Areas of use are insulation of hoses, cable harnesses, mechanical protection, colour coding, LV busbars and identification of cables.



Inside Diameter
Supplied expanded D (min) (inches) Fully Recovered d (max) (inches)
Wall thickness fully recovered w (nom) (inches)

1.2/0.6	1.2	(0.046)	0.6	(0.023)	0.41	(0.016)
1.6/0.8	1.6	(0.063)	0.8	(0.031)	0.43	(0.017)
2.4/1.2	2.4	(0.093)	1.2	(0.046)	0.51	(0.020)
3.2/1.6	3.2	(0.125)	1.6	(0.063)	0.51	(0.020)
4.8/2.4	4.8	(0.187)	2.4	(0.093)	0.51	(0.020)
6.4/3.2	6.4	(0.250)	3.2	(0.125)	0.64	(0.025)
9.5/4.8	9.5	(0.375)	4.8	(0.187)	0.64	(0.025)
12.7/6.4	12.7	(0.500)	6.4	(0.250)	0.64	(0.025)
19.0/9.5	19.0	(0.750)	9.5	(0.375)	0.76	(0.030)
25.4/12.7	25.4	(1.000)	12.7	(0.500)	0.89	(0.035)
38.0/19.0	38.0	(1.500)	19.0	(0.750)	1.02	(0.040)
50.8/25.4	50.8	(2.000)	25.4	(1.000)	1.14	(0.045)
76.2/38.1	76.2	(3.000)	38.1	(1.500)	1.27	(0.050)
101.6/50.8	101.6	(4.000)	50.8	(2.000)	1.40	(0.055)

Operating temperature

EC2: -55 to 125°C

Minimum shrink temperature

110°C

Main features

Shrink ratio 2:1

Flame retarded - Black & Colour.
Not Clear

Diameter range 1.2 to 101.6mm
(Clear 1.2 to 50.8mm)

Flexible for LV busbar insulation.

If tubing/sleeving is restricted in any way, this will cause the wall thickness to differ from the actual nominal dimensions stated above.

Ordering Information

Colours

■ = 0 ■ = 2, ■ = 4, ■ = 6, □ = 9 □ = X Clear. Other colours to order.

Data specifications

Properties	Test Method	Typical values
Tensile strength	ISO 37	10 MPa
Ultimate elongation	ISO 37	200%
Longitudinal change	ASTM D2671	± 10%
Heat shock 4hrs @ 200°C	ASTM D2671	No dripping, flowing or cracking
Flammability (Not Clear)	ASTM D2671	pass
Low temperature flexibility 4hrs @ -40°C	ASTM D2671	No cracking
Dielectric strength	IEC 243-1	20kV/mm
Water absorption	ISO 62	0.5%

Sizes required

Refer to dimensions data above and select the size needed to fit snugly over all the area of the substrate/component (preferably >20% of size)

For ordering

Please specify the code type, sizes, colours and overall quantity. (Example EC 2 50.8-X-xxxm)