

Thermal Memory Ltd

6 Dodd Croft
Rochdale OL16 4QX
Lancashire
Great Britain

Website : www.shrinkfit.co.uk

E-mail : shrinkfit@gmail.com

EMS8A is extremely high performance fluoroelastomer heat-shrink tubing designed to protect electronic components in high temperature military & aerospace environments.

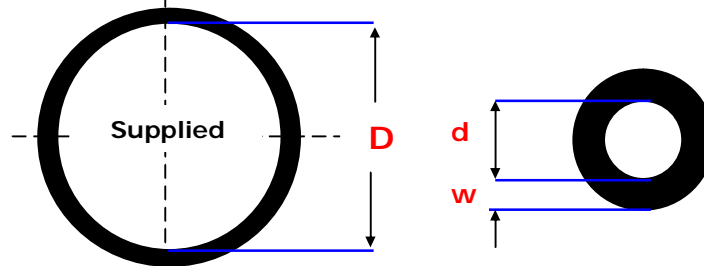


Continuous Operating Temperature

-55 to +220°C
Shrink temperature +175°C

Main features

Very flexible
Highly flame retardant
Excellent abrasion resistance
Withstands corrosive fluids in extreme conditions
Meets MIL-DTL 23053/13



Sizes	Inside diameter		Fully recovered		# Wall thickness	
	Supplied D (min) mm	expanded (inches)	d (max) (inches)	mm	w (nom) (inches)	mm
3.2/1.6	3.2	(0.125)	1.6	(0.063)	0.80	(0.0315)
4.8/2.4	4.8	(0.187)	2.4	(0.094)	0.90	(0.0354)
6.4/3.2	6.4	(0.250)	3.2	(0.125)	0.90	(0.0354)
9.5/4.8	9.5	(0.375)	4.8	(0.187)	1.00	(0.0394)
12.7/6.4	12.7	(0.500)	6.4	(0.250)	1.20	(0.0472)
19.0/9.5	19.0	(0.750)	9.5	(0.375)	1.40	(0.0551)
25.4/12.7	25.4	(1.000)	12.7	(0.500)	1.80	(0.0709)
38.0/19.0	38.0	(1.500)	19.0	(0.750)	2.40	(0.0945)
50.8/25.4	50.8	(2.000)	25.4	(1.000)	2.80	(0.1102)

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

Colours 0 Black. Other colours to set minimum order quantities.
Sizes required Refer to dimensions data above & select the size needed to fit snugly over all the area of the substrate/component (preferably +20 to 30%)
For ordering Specify the code type, sizes, colours & quantities. (Example: EMS8A 4.8-0-200mtrs)

Please note all users evaluate the product(s) to ensure they meet with their applications.

Technical specifications

Properties	Test Method	Typical values
Tensile strength	IEC 60684-2	18 MPa
Ultimate elongation	IEC 60684-2	520 %
Longitudinal shrinkage	ASTM D2671	± 10%
Flammability	ASTM D2671 Pt A	Passes
Dielectric strength	IEC 243	16kV/mm
Low temperature flexibility at -55°C	ASTM D2671 Pt A	Does not break at -55°C
Chemical Resistance	-	Very Good
Water Absorption	VDE 0472	0.2%