






Thermal Memory Ltd

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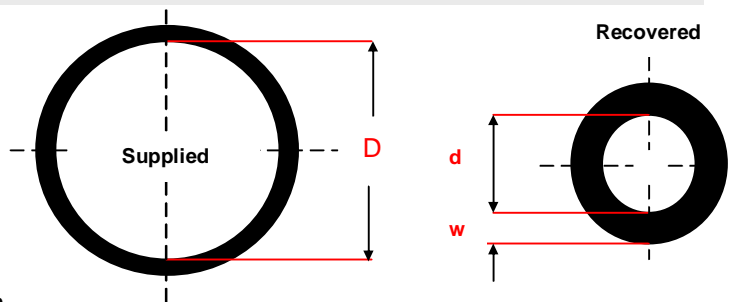
E-mail : shrinkfit@gmail.com

(Viton) EMS8A is an extremely high performance fluoroelastomer heatshrink tubing designed to protect electronic components in high temperature military & aerospace environments.

Approvals:     

Continuous Operating Temperature
-55°C to +220°C
Shrink temperature +175°C

Main feature
Very flexible
Highly flame retardant
Excellent abrasion resistance
Withstands corrosive fluids in extreme conditions
Meets MIL-DTL 23053/13
10 per cent higher temperature than standard Viton



Sizes	Inside Diameter		Fully recovered		# Wall thickness	
	Supplied D (min) mm	expanded (inches)	d (max) mm	(inches)	Fully recovered w (nom) mm	(inches)

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)

Features

- Very flexible
- Flame retardant
- Highly abrasion resistant
- High withstand to corrosive fluids in extreme temperatures
- Meets MIL - DTL - 23053/13
- Continuous Operating Temperature: -55°C to 220°C
- Shrink Temperature: 175°C

* Viton® is a registered trademark of du Pont de Nemours and Co. Inc. for the raw material

If tubing 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 on request to set minimum order quantities & lead times.
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, size, color & 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%
Printability Hot stamp		Very Good