

Thermal Memory Ltd

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EDW1 & 4 are 3:1 & 4:1 shrink ratio, semi-flexible moisture proof adhesive lined heat shrink tubings, designed to avoid moisture contamination of cable entry systems & electrical/electronic applications.



Ideal for cable transitions, cable end sealing, repairing of damaged cable jackets without the need of removing the electrical connectors.

Specification:
[MIL23053 – M23053]
MIL-DTL-23053/4
UL VW-1 224 & CSA

Operating temperature
-55 to 110°C Jacket only.
Begin adhesive flow.
85°C
Minimum shrink temperature.
100°C

Sizes		Inside Diameter		# wall thickness w nominal mm	
EDW1	EDW4	Supplied D mm	Recovered d mm	EDW1	EDW4
mm	mm				
3/1		3	1	1.00	
	4/1	4	1		1.00
6/2		6	2	1.14	
	8/2	8	2		1.00
9/3		9	3	1.39	
	12/3	12	3		1.40
12/4		12	4	1.75	
	16/4	16	4		1.80
19/6		19	6	1.90	
	24/6	24	6		2.25
24/8		24	8	2.50	
	32/6	32	6		2.50
40/13		40	13	2.50	
	52/13	52	13		2.50



If tubing is restricted in any way v

When in operation, this will cause the wall thickness to differ from actual nominal dimensions stated above

Colours 0 Black, 2, Red & X Clear (Clear which is not flame retardant). Reels can be supplied but they are to order.

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 to 30% larger supplied diameter).

For ordering Specify the code type, size or sizes, colour & quantities. (Example: EDW4 12/3-0-100 Lengths)

Properties	Typical Performances
Tensile Strength	9.0 MPa Min
Elongation	300 % Min
Longitudinal Change	± 5 %
Specific Gravity	1.25g / cm ³ Max
Flammability	Passed
Dielectric Strength	12kV / mm
Water Absorption	0.5 %
Corrosive Action	Non Corrosive
Heat shock 4hrs @ 250°C	No dripping, flowing or cracking of wall
Heat aging 168°C at 150°C	No dripping, flowing or cracking of wall