



Heat Shrink Tubing

ETW-803/4 Environmental Protection Sleeve

Data Sheet

Product Description

ETW-803 is a flexible heat shrinkable tubing with a co-extruded hot melt adhesive inner wall. The excellent flow properties of the adhesive ensure good environmental sealing of complex parts. As this tubing shrinks, molten adhesive flows and is forced into gaps and crevices. When the adhesive cools it forms a seal against moisture and other fluids whilst the outer wall provides mechanical protection. ETW-803 is well suited for environmental sealing of a variety of electronic, electrical and mechanical applications such as connections, joints etc. ETW-804 with a shrink ratio of 4 : 1 accommodates wide variances in diameter.

Technical Features

Continuous operating temperature range:	-55°C to +110°C	Shrink ratio:	3 : 1 (ETW-803) 4 : 1 (ETW-804)
Base material:	Polyolefin with hot melt adhesive	Shrink temperature:	120°C (min.)
Flammability:	Self extinguishing outer wall	Longitudinal change:	-10% max.
Tensile strength:	14 N/mm ²	Dielectric strength:	150 kV/cm
Specifications:	MIL-I-23053/4 Class 3		

Ordering Information Type ETW-803

Bore as supplied minimum (mm)	Bore recovered maximum (mm)	Wall thickness fully recovered total wall (mm)	Wall thickness fully recovered meltable wall (mm)	Standard pack reel (m)	Standard colour
3.0	1.0	1.0	0.5	400	Black
6.0	2.0	1.0	0.5	300	
9.0	3.0	1.4	0.6	150	
12.0	4.0	1.8	0.8	100	
19.0	6.0	2.2	0.8	50	
24.0	8.0	2.5	1.0	25	
40.0	13.0	2.5	1.0	25	

Ordering Information Type ETW-804

Bore as supplied minimum (mm)	Bore recovered maximum (mm)	Wall thickness fully recovered total wall (mm)	Wall thickness fully recovered meltable wall (mm)	Standard pack reel (m)	Standard colour
4.0	1.0	1.0	0.5	300	Black
8.0	2.0	1.0	0.5	150	
12.0	3.0	1.4	0.6	100	
16.0	4.0	1.8	0.8	100	
24.0	6.0	2.2	0.8	50	
32.0	8.0	2.5	1.0	25	

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