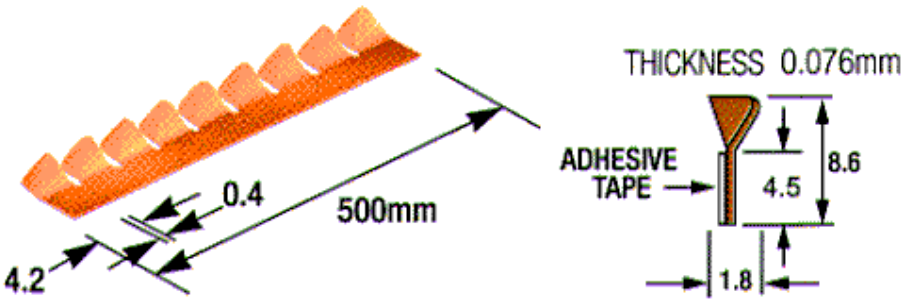
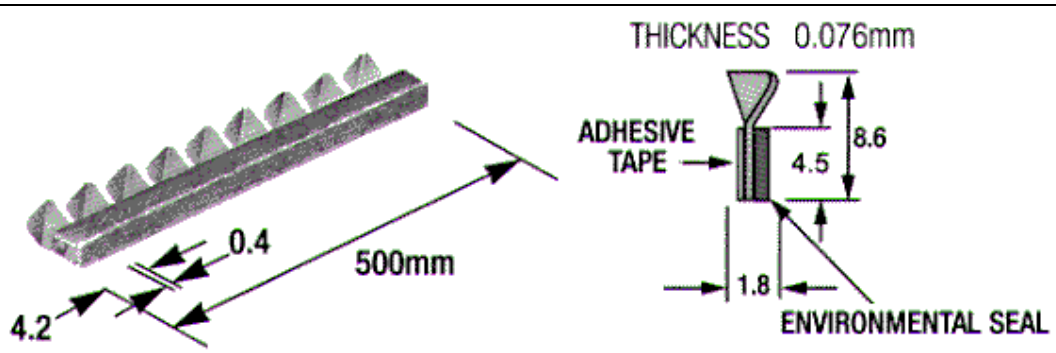
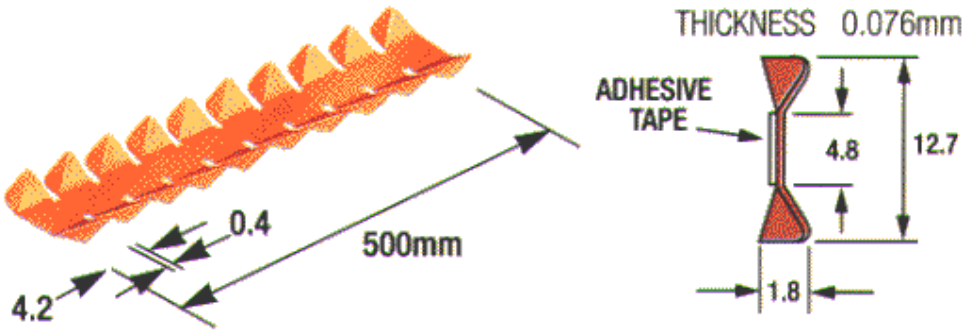
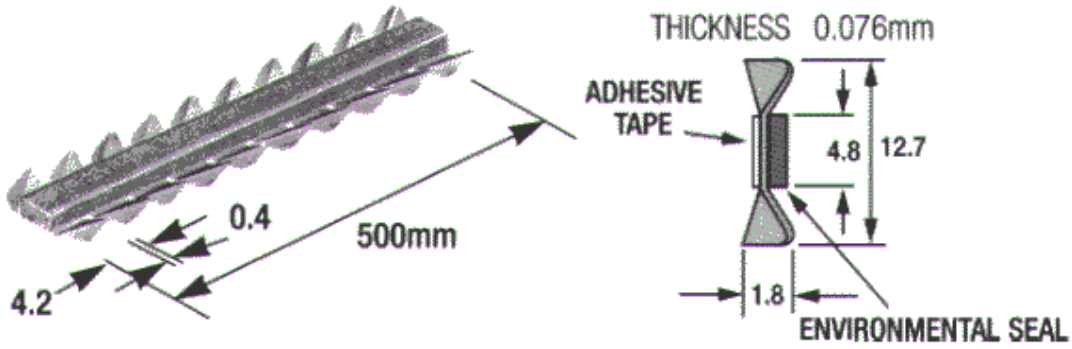
Warth Shielding Spring Fingers

Description

CB finger strips provide a spring wiping action coupled with low electrical resistance. With these features the strips provide excellent electromagnetic shielding and earthing when used on closure doors, cabinets and boxes, particularly where frequent opening and closing operations are involved.
CB strips are normally fixed into position with high tack adhesive but some models are suitable for edge mounting. They can also be soft soldered or resistance welded into position.
For maximum contact and shielding performance the compression should be approximately 25% of the original height.
The standard finish is tin or bright copper but special plating such as nickel or zinc with clear passivation can be provided to ensure galvanic compatibility.

Shielding Effectiveness dB			Pressure Sensitive Adhesive Tape
Frequency	Field	CB-1092	
10kHz	Magnetic	63	3MA10 and 3MA25 high tack non-conductive acrylic adhesive. 48 hour cure time with high peel and shear strength. High resistance to solvents. Unaffected by age Service temp range –55 to +230°C
100kHz	Magnetic	81	
1MHz	Magnetic	>102	
1MHz	Electric	>128	
10MHz	Electric	>124	
100MHz	Electric	130	**Order Procedure**
400MHz	Plane Wave	102	Plain copper finish CB-XXXX-C Tin plated finish CB-XXXX-T
1GHz	Plane Wave	88	
400MHz	Plane Wave	102	
1GHz	Plane Wave	88	
10GHz	Plane Wave	56	
10GHz	Plane Wave	56	

	CB-1103-C CB-1103-T
Height compressed to / Approx compression force per 1/2 linear metre : 1.3mm / 9.0Kg...0.8mm / 28.0Kg	
	CB-1103-C-EN CB-1103-T-EN
Height compressed to / Approx compression force per 1/2 linear metre : 1.3mm / 30.0Kg...0.8mm / 98.0Kg	
	CB-1092-C CB-1092-T
Height compressed to / Approx compression force per 1/2 linear metre : 1.3mm / 10.0Kg...0.8mm / 32.0Kg	
	CB-1092-C-EN CB-1092-T-EN
Height compressed to / Approx compression force per 1/2 linear metre : 1.3mm /55.0Kg...0.8mm / 120.0Kg	