



Beryllium-Copper Fingerstrip

Spring fingered construction providing an excellent low-resistance contact

Product Overview

Uvox Fingerstrip provides excellent electromagnetic shielding and earthing when used on closure doors, cabinets and boxes. The sprung nature of the product is particularly suited to applications where frequent opening and closing operations are involved. Fingerstrip is normally fixed using a strong PSA, but some are suitable for edge mounting, soft soldering and resistance welding into position.



For maximum contact and shielding performance 25% compression is recommended. The standard finish is tin or bright copper, but special plating such as nickel or zinc with clear passivation can be specified to ensure galvanic compatibility. Fingerstrip can be ordered in Clean & Bright (C) or Tinned (T) as standard. Other finishes can be specified on request.

Properties

Shielding Effectiveness

Frequency	Field	Values (dB)
10 kHz	Magnetic	63
100 kHz	Magnetic	81
1 MHz	Magnetic	>102
1 MHz	Electric	>128
10 MHz	Electric	>124
100 MHz	Electric	130
400 MHz	Plane Wave	102
1 GHz	Plane Wave	88
10 GHz	Plane Wave	102

Data taken using FS-018-127-SA-T

Adhesive Properties

- 3MA10 and 3MA25 high tack non-conductive acrylic adhesive are used
- 48 hour cure time with high peel and shear strength
- High resistance to solvents
- Unaffected by age
- Service temperature range -55°C to +230°C

Configurations

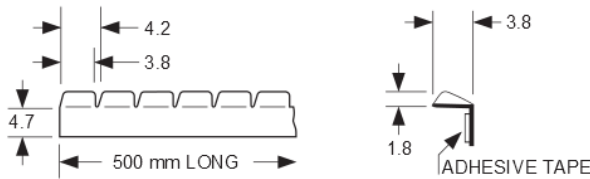
FS-008-056-SA

Material 0.076 mm



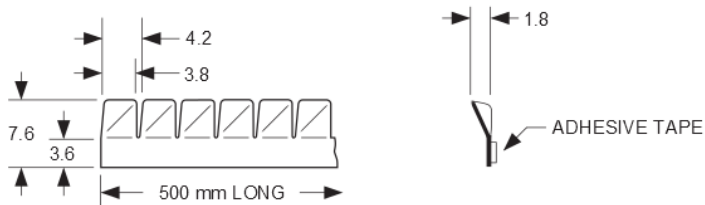
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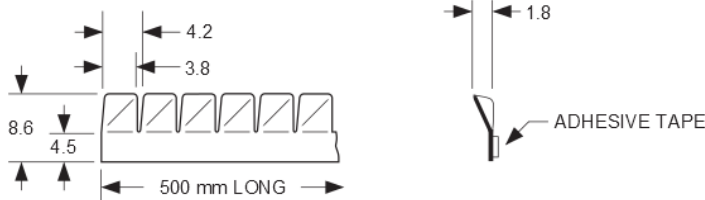
FS-018-076-SA

Material 0.076 mm



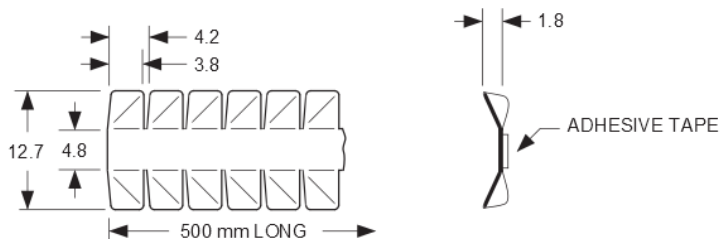
FS-018-086-SA

Material 0.076 mm



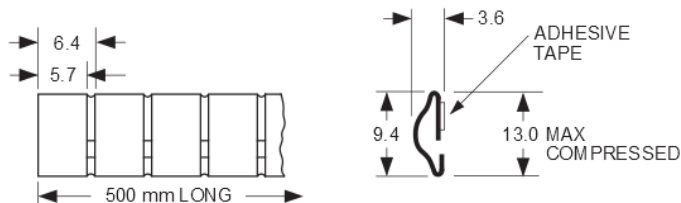
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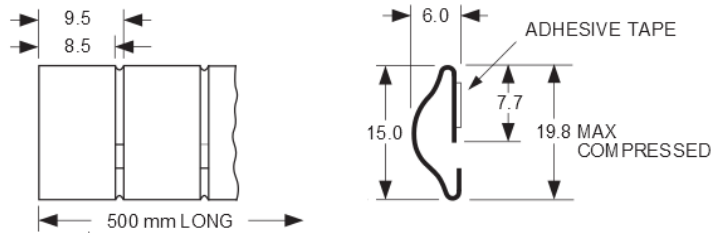
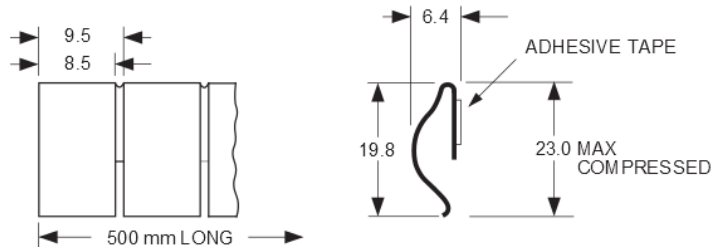
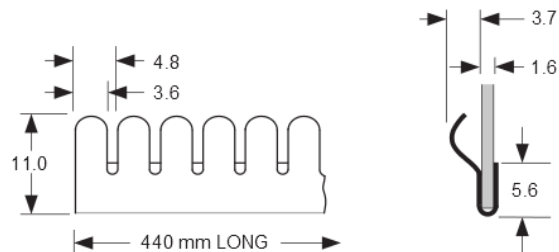
Material 0.076 mm



FS-036-094-SA

Material 0.088 mm



FS-060-150-SA*Material 0.100 mm***FS-064-198-SA***Material 0.076 mm***FS-037-110-CL***Material 0.127 mm**All dimensions in mm***Product Selection Code****FS - 064-198 - SA - T***Profile Code**Mounting Type**Finish***www.uvox.co.uk**

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We believe the information contained in this datasheet is accurate and representative of the product, however; it is the responsibility of the user to determine the suitability and safety of use in any application. Uvox Ltd has a policy of continual improvement of our products and services, and so reserves the right to change product specification without notice.

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