



E-Song America, Inc.

100%
RoHS Compliant
Products

1901 S. Bascom Ave., Prune Yard Tower I, Suite 1225, Campbell, CA 95008
Email: sales@esongamerica.com Tel. (408) 466-5446 Fax (408) 249-5815

EMI SHIELDING WIRE MESH TAPE AND GASKETS



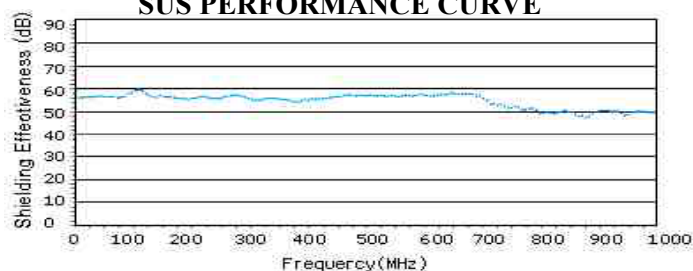
Characteristic

Wire mesh tapes and gaskets provide excellent shielding performance. We offer Ag/Br, Sn/Cu/Fe, Sn/Ph/Bz, Al, Stainless and Monel wires to suit unique applications such as high operating temperature and/or oily environment or to endure heavy usage such as shielded room door where door is frequently opened and closed. Where compression elasticity is required, types with Si tube or foam core can be used without degrading the heat endurance ability.

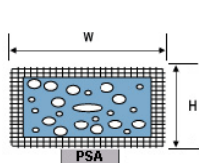
EFFECTIVENESS BY WIRE TYPE (dB)

Materials	H-Field 100kHz	E-Field 10MHz	Plane 1GHz	Wave 10GHz
Ag/Br	80+	135+	105	95
Sn/Cu/Fe	80+	135+	105	95
Sn/Ph/Bz	80+	130+	110	100
Aluminum	60	130+	90	80
Monel	60+	130	90	80

SUS PERFORMANCE CURVE

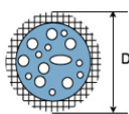


Available Profiles



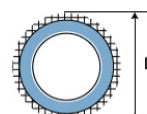
RECTANGULAR

P/NO	WxH
M443-S-PU-1	8X8 mm
M424-S-PU-1	9X3 mm
M414-S-PU-1	9X5 mm



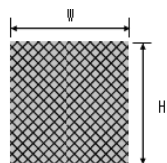
ROUND W/SI FOAM CORE

P/NO	D
M444R-SF-1	3.7 mm
M445R-SF-1	4.5 mm



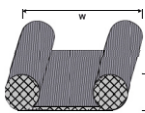
ROUND W/SI TUBE

P/NO	D
M449R-SH-1	3.7 mm
M440R-SH-1	6.9 mm
M429R-SH-2	7.0 mm



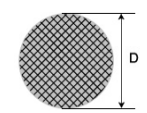
SQUARE SOLID

P/NO	WxH
M464S-AW-1	4X3 mm



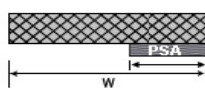
TAPE

P/NO	WxH
M452DP-SF-1	9.2x1.9 mm
M453DP-SF-1	12.6x3.4 mm



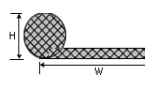
ROUND SOLID

P/NO	D
M447R-AW-1	2.4 mm
M446R-AW-2	2.6 mm
M448R-AW-1	3.6 mm



TAPE

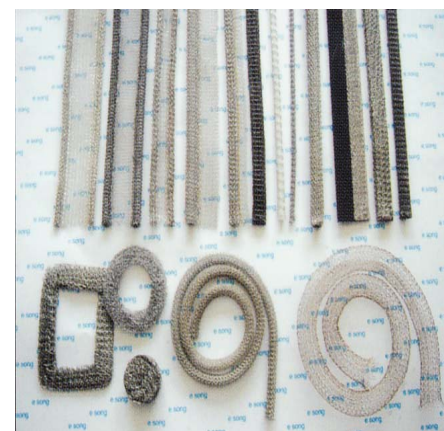
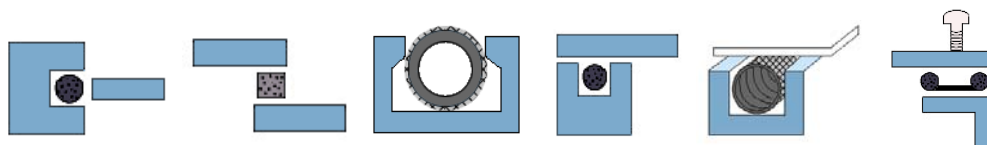
P/NO	W
M450T-AW-1	8 mm
M451T-AW-1	17 mm
M432T-AW-1	25 mm



P-SHAPE

P/NO	WxH
M465P-SF-1	9.2X1.9 mm

Usage



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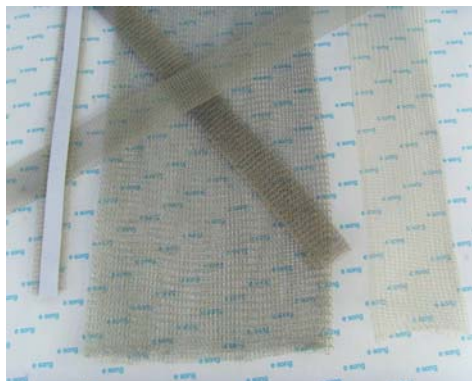


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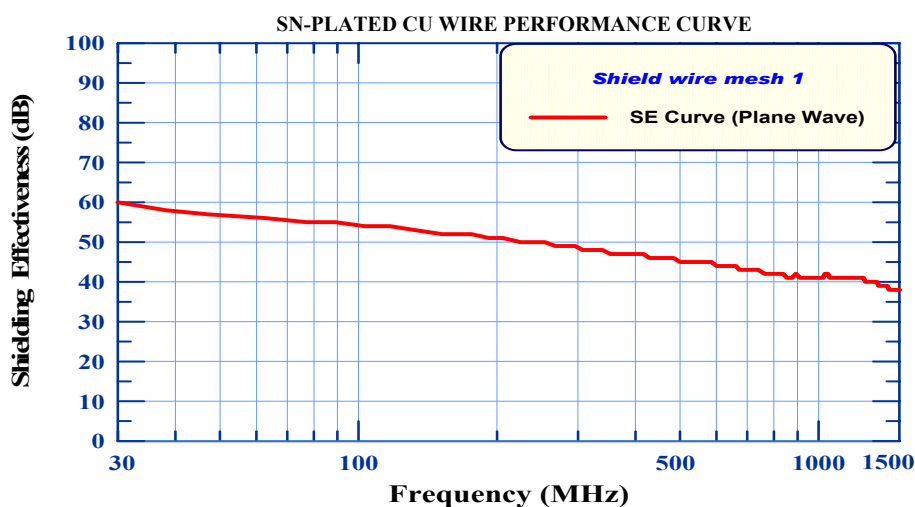
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EMI SHIELDING WIRE MESH TAPE



■ Characteristic

Wire mesh tapes are used to wrap cables to shield against EMI noise. They are available with conductive adhesive tape for easy installation. Available widths are from min. 7.0mm to max. 245.0mm. They are also available in tubular form so that a cable or cables can be placed inside the tube.



■ Wire Types and Adhesive Types

- SUS Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
- Sn-Plated Cu Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
- Al Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
- Alloy Steel Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
- Monel Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm

Adhesive Tape Option: 1. Conductive Adhesive (0.1Ω, 1000g/in) 2. Non-Conductive Adhesive (0.1Ω,



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