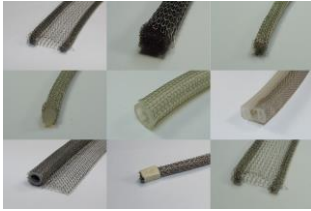


Wire Mesh Gasket



- Wire Mesh Gasket is woven by knitting metal wire and has excellent flexibility. It has high shielding effectiveness due to excellent contact with objects and has strong corrosion resistance and oil resistance.
- Wire mesh materials can be selected according to the required shielding purposes. It can be manufactured by inserting core material such as silicone elastomer, urethane sponge into wire mesh according to hardness.

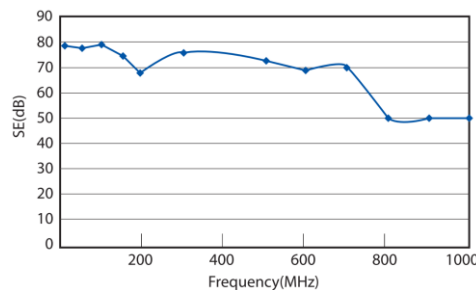
Features

- Superior EMI shielding effectiveness
- Excellent corrosion resistance and oil resistance
- Used tin-plated copper wire, stainless steel, etc. for wire materials
- Used PU sponge, silicone rubber tube, CR sponge, etc. for core materials

Material

Wire	Material	Stainless Steel #304	Sn plated Copper	TCS
	Diameter(Ø) [mm]		0.08, 0.11	0.12
Core Material		PU sponge, Silicone tube, All wire, etc		

Shielding Effectiveness



< Test Sample : Double P All Wire Type >



- MIL-STD-83528C Equivalent
- Sample: M-XXX-DP-AW-2 series
- Sample material: Sn plated Copper wire (D 0.12mm)

Shapes & Sizes (1)

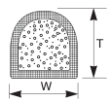
(Unit: mm)

Rectangle Type 	<table border="1"> <thead> <tr> <th>W</th> <th>T</th> </tr> </thead> <tbody> <tr><td>12.7</td><td>12.7</td></tr> <tr><td>20.0</td><td>12.0</td></tr> <tr><td>9.0</td><td>5.0</td></tr> </tbody> </table>	W	T	12.7	12.7	20.0	12.0	9.0	5.0	P Type 	<table border="1"> <thead> <tr> <th>W</th> <th>W1</th> <th>T</th> </tr> </thead> <tbody> <tr><td>9.2</td><td>1.9</td><td>1.9</td></tr> <tr><td>7.0</td><td>3.0</td><td>3.0</td></tr> <tr><td>15.0</td><td>4.0</td><td>4.0</td></tr> </tbody> </table>	W	W1	T	9.2	1.9	1.9	7.0	3.0	3.0	15.0	4.0	4.0
W	T																						
12.7	12.7																						
20.0	12.0																						
9.0	5.0																						
W	W1	T																					
9.2	1.9	1.9																					
7.0	3.0	3.0																					
15.0	4.0	4.0																					
Round Type 	<table border="1"> <thead> <tr> <th>D</th> </tr> </thead> <tbody> <tr><td>10.0</td></tr> <tr><td>6.0</td></tr> <tr><td>3.7</td></tr> </tbody> </table>	D	10.0	6.0	3.7	All Wire Rectangle 	<table border="1"> <thead> <tr> <th>W</th> <th>T</th> </tr> </thead> <tbody> <tr><td>2.5</td><td>2.5</td></tr> <tr><td>4.0</td><td>4.0</td></tr> <tr><td>5.0</td><td>5.0</td></tr> </tbody> </table>	W	T	2.5	2.5	4.0	4.0	5.0	5.0								
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W	T																						
2.5	2.5																						
4.0	4.0																						
5.0	5.0																						

Shapes & Sizes (2)

(Unit: mm)

D Type



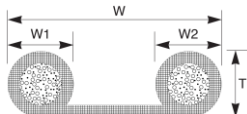
W	T
20.0	20.0
17.0	25.0
10.0	32.0

All Wire Round



D
10.0
3.0
2.0

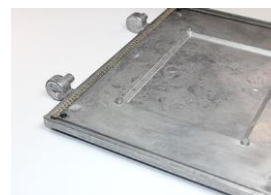
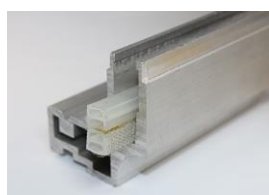
Double P Type



W	W1	W2	T
25.0	3.4	3.4	3.4
25.0	8.0	8.0	8.0
18.0	3.4	3.4	3.4

Applications

- Wire mesh gasket is attached to metal frame grooves to improve shielding rate by blocking gap between frames. Various types of products can be used depending on frame type.



Product Code

M ○○○ - □ - □□ - ○
 (1) (2) (3) (4) (5)

#	Code	Example	
(1)	Product Code	M (Metal Wire Mesh Gasket)	
(2)	Serial Number	415	
(3)	Shape	S: Square (Rectangular) Shape R: Round (Circular) Shape P: P Shape	DP: Double P Shape A: All Wire Rectangular Shape B: All Wire Circular Shape
(4)	Core Material	AW: All Wire PU: PU Sponge SF: Silicone Foam Sponge LTX: Latex	SH: Silicone Rubber Sponge EM: EDPM Sponge CR: CR Sponge S: All Silicone
(5)	Wire Layer	1: Single Layer, 2: Double Layers	

