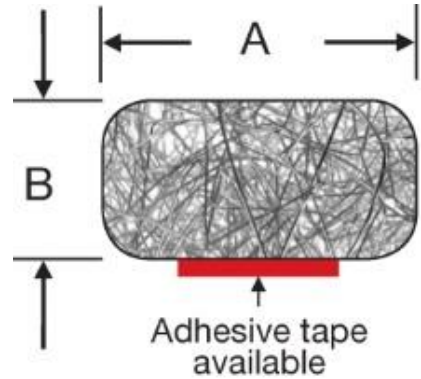


All metal mesh gaskets consist of a knitted wire that is formed into an all wire profile forming a continuous gasket strip.

Knitted wire mesh gaskets provide shielding in the magnetic as well as electric fields.

Rectangular profiles are available in different wire types: monel, tin plated copper clad steel, stainless steel and aluminum.

- Excellent EMI/RFI/EMP gasket shield between two metallic surfaces
- Variety of sizes available
- Available in continuous length or cut to length
- Self adhesive backing is not recommended; non-conductive PSA for mounting process on request
- Compression forces required to achieve good contact
- Galvanic compatibility



## PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Metal type	MO, VA, AL, FCS	-
Width range (A)	1,6 – 9,5 mm ± 0,8	-
Thickness range (B)	1,6 – 9,5 mm ± 0,8	-

## MATERIAL PROPERTIES

### Monel Alloy 400 Wire (MO)

- Wire diameter: 0,11 mm
- Specification: AMS 4730

### Stainless Steel (VA)

- Wire diameter: 0,11 mm
- Specification: BS EN 10088-3 2005 316 S19

### Tin Plated Copper Clad Steel (FCS)

- Wire diameter: 0,11 mm
- Specification: ASTM B520, AISI 1010

### Aluminum (AL)

- Wire diameter: 0,13 mm
- Specification: BS EN 537 pt 3

**BUILDING AN ITEM NUMBER**

WRE-WxT-XXX

Rectangular Profile	
xx	Width (mm)
xx	Thickness (mm)
MO	Monel
VA	Stainless steel
AL	Aluminium
FCS	Tin plated copper clad steel



**Standard options**

**EXAMPLE**

**WRE-2,4x1,60,5-AL**  
Rectangular profile, width: 2,4 mm; thickness: 1,6 mm; metal type: aluminium

**SHIELDING PERFORMANCE**

**H-Field**

	MO	FCS	VA	AL
0,01 MHz	28 dB	47 dB	35 dB	36 dB
0,1 MHz	45 dB	67 dB	43 dB	47 dB
1,0 MHz	64 dB	88 dB	50 dB	64 dB
10,0 MHz	>104 dB	>104 dB	-	>104 dB

**E-Field**

	MO	FCS	VA	AL
0,01 MHz	>118 dB	>118 dB	119 dB	>118 dB
0,1 MHz	>136 dB	>136 dB	102 dB	>136 dB
1,0 MHz	>123 dB	>126 dB	-	>120 dB
10,0 MHz	99 dB	109 dB	-	91 dB

**P-Field**

	MO	FCS	VA	AL
400 MHz	96 dB	98 dB	85 dB	86 dB
1.000 MHz	84 dB	77 dB	62 dB	72 dB
10.000 MHz	46 dB	43 dB	36 dB	34 dB

Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their own particular purpose of any information or products referred to herein.