

Expanded Wire Gasket

Expanded Wire Gaskets are available in two thickness 0.5mm and 0.8mm thick. These gaskets offers minimal resistance while also offering an environmental seal. A common usage of these gaskets are connector gaskets and very smooth surfaces. Available in sheet form we can 'die-cut' various shapes of gaskets to suit your requirement.

EMI shielded connector gaskets are fitted in the normal manner and particular care should be taken when passing a gasket over a threaded connector body. Avoid the use of conductive adhesives as they tend to adversely affect the sealing characteristics of most types of gasket.



CONDUCTIVE ELASTOMERS

SELECT **EXPANDED WIRE GASKETS**

ORIENTED WIRES IN SILICONE

CONDUCTIVE ADHESIVES

ALUMINIUM HONEYCOMB VENTS

How to order

Metal Content
EWG

Filler
Chose from
specification below

Sheet Size
XXXX-XXXX

Filler options:

- Silicone - Spec ZZ-R-765 Class 2 CRE
- Fluorosilicone - MIL-R-25988
- Neoprene

Metal Content is the following

- Monel - Spec - QQ-N-281B
- Aluminium - Spec - QQ-A-250

- Available as
- Connector Gaskets
 - Sheets
 - Die Cut Gaskets

Shielding Performance

	10KHz	200KHz	100MHz	1Ghz	EMP Survive
Expanded Monel (unfilled)	52dB	60dB	90dB	70dB	Yes
Woven Aluminium (silicones)	45dB	60dB	90dB	70dB	Yes

Specifications:

Part No.	Material type	Thickness	Sheet Width
1	Woven Aluminium in Synthetic	0.5mm	305mm
2	Woven Aluminium in Silicone	0.5mm	305mm
3	Woven Aluminium in Fluorosilicone	0.5mm	305mm
4	Expanded Monel in Silicone	0.5mm	305mm
5	Expanded Monel in Silicone	0.8mm	305mm
6	Expanded Monel in Unfilled	0.5mm	305mm
7	Expanded Monel in Unfilled	0.8mm	305mm
8	Expanded Aluminium in Silicone	0.5mm	305mm
9	Expanded Aluminium in Silicone	0.8mm	305mm

Tolerances:

- Hole Centres: +/- 0.4mm
- Length: +/- 0.8 mm
- Thickness: +/- 0.13 mm

