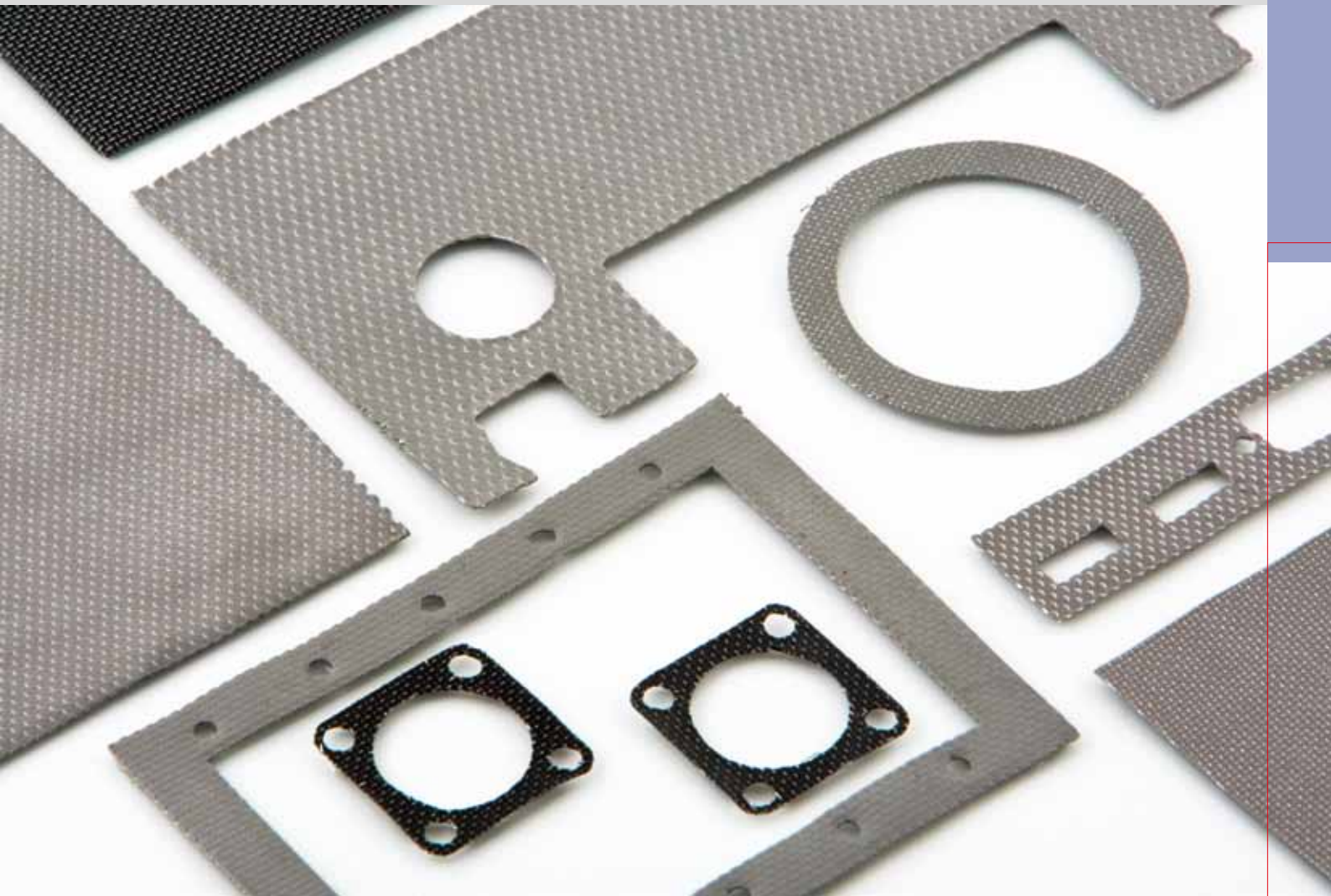


5.

**FLAT
GASKET.**



GENERAL INFORMATION

A composite of metal mesh impregnated with an elastomer to yield a highly conductive, yet resilient Gasketing material for EMI/RFI shielding as well as a pressure and environmental seal. **Euro Technologies** unique fabrication process allows for unmatched consistency in quality and performance.

Available without elastomer filler for use in applications where an environmental seal is not necessary, or for use in applications as a low performance RF air filter.

Customizations



FEATURES AND BENEFITS

- Designed for those specific applications where joint unevenness does not exceed 0.1mm and/or where space restrictions occur. Conductivity is achieved on contact due to the protruding contact points, which lends to its use in nearly all types flat connectors.

SPECIFICATIONS

Listed below are the most common used mesh and elastomer types.

Code	Metal	Elastomer	Thick (mm)
EMSE-MOA	Expanded Monel	Silicone	0.5
EMSE-AOA	Expanded Aluminium	Silicone	0.5
EMNE-AOA	Expanded Aluminium	Neoprene	0.5
EMNW-AOB	Woven Aluminium	Neoprene	0.4
EMSE-MOB	Expanded Monel	Silicone	0.4

SILICONE

ZZ-R-765 50 shore

Temperature: - 62 °C to 260 °C

Color: Grey

NEOPRENE

AMS 3222

Temperature: - 40 °C to 100 °C

Color: Black

ALUMINIUM

Alloy 5056QQ - A-430
(AMS - 4182)

MONEL

QQ-N-281-B

SHIELDING PERFORMANCES

Frequency	Metal Type	Attenuation (dB)
14 kHz	Monel	40
1 MHz	Monel	50
18 MHz	Monel	100
1 GHz	Monel	90

Frequency	Metal Type	Attenuation (dB)
14 kHz	Aluminium	35
1 MHz	Aluminium	40
18 MHz	Aluminium	100
1 GHz	Aluminium	60

MECHANICAL TOLERANCES

THICKNESS: ± 0.1 mm

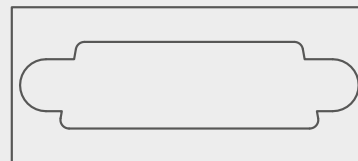
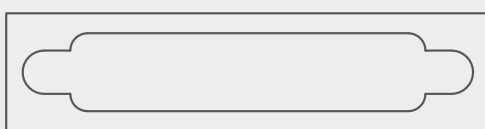
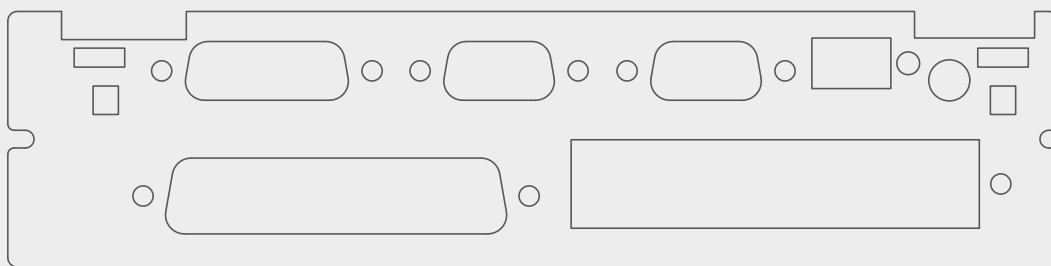
OTHERS TYPES ARE AVAILABLE UPON REQUEST

STANDARD ROLL DIMENSION = 305 mm x 15 M

ORDERING INFORMATION

EM S W - M O A

- EM** Product Family
- S** S = Silicone / N = Neoprene
- W** W = Woven / E = Expanded
- M** M = Monel / A = Aluminium
- O** 0 = No Adhesive / 1 = Adhesive
- A** Thick (mm): A = 0.5 / B = 0.4



CUSTOM DIE CUT SOLUTIONS AVAILABLE