



Thinshield Range

Monmesh – Expanded Monel Mesh

Available in 0.5mm and 0.8mm Thicknesses

Monmesh is another part of our “Thinshield” range. Monmesh is an expanded Monel foil filled with silicone rubber. Similar to Alumesh but with slightly better attenuation levels and for use on materials where you would get a galvanic reaction if Alumesh was used. The way that the Monel is manufactured creates a very good contact on both sides of the gasket enabling great attenuation levels whilst still holding the environmental seal you would expect with a flat rubber gasket. Due to achieving a high environmental seal we use this material without any kind of adhesives and purely as a gasket to surface seal.

Advantages

- Low cost
- Easily die-cut Gives minimal thickness gasket
- Usually supplied as gaskets, but can also be supplied as sheets
- Good environmental seal
- Monmesh is available without the silicone filler (no environmental seal)

Monmesh	Specification	Temperature range:
Silicone Rubber	AMS 3220B	- 65 to + 250°C

Shielding	Performance	dB
10KHz	H	52
100 KHz	H	68
1 MHz	H	88
1 MHz	E	>100
10MHz	E	>100
100MHz	E	>100
400MHz	P	100
1 GHz	P	84
10GHz	P	42

To discover more about our Thinsheild range or any of our other products, please contact our sales department on the telephone number at the bottom of this sheet or email them on sales@emiseals.com, they will be delighted to help.

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