

Monex – Expanded Monel Foil**MW Series**

Monex is an expanded Monel foil of uniform thickness (0.5mm or 0.75mm available) which is manufactured to give a large number of contact points per cm².

It can be supplied with a filler of silicone or as plain foil with typical EMC performance being the same for either option.

The filled variant will give an effective environmental seal whilst the unfilled variant provides and EMC seal only. For best performance, mating surfaces should have a tolerance of not more than 0.05mm

Note

Gaskets manufactured from these materials are not intended for re-use after a joint has been opened.

Specifications

Monel foil	QQ-N-281b
Silicone	ZZ-R-765-CL2 GR50
Closing Force	50-75 PSI
Compression Set at 50 PSI	1%
temperature Range	-40°C to + 250°C (silicone filled)

Frequency	Attenuation dB	Field
10KHz	52	H
100KHz	68	H
1MHz	88	H
1 MHz	>100	E
10MHz	>100	E
100MHz	100	E
1GHz	84	P
10GHz	42	P

