

Monex Expanded Monel Foil



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, typical EMC performance is the same for either option. The filled variant will give an effective environmental sea whilst the unfilled variant provides EMC only. For best performance mating surfaces should have a tolerance of not more than 0.05mm.

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 to +250°C (Silicone filled)

Performance (dB)

<u>Frequency</u>	<u>Field</u>	<u>Attenuation dB</u>
10KHz	H	52
100KHz	H	68
1MHz	H	88
1MHz	E	>100
10MHz	E	>100
100MHz	E	>100
400MHz	P	100
1GHz	P	84
10GHz	P	42

Note:

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



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