

## P & P Technology Monex Expanded Monel Foil

Category : Metal , Nonferrous Metal , Nickel Alloy

### Material Notes:

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 cm<sup>2</sup>. 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 Information provided by P & P Technology

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_P-P-Technology-Monex-Expanded-Monel-Foil.php](http://www.lookpolymers.com/polymer_P-P-Technology-Monex-Expanded-Monel-Foil.php)

Mechanical Properties	Metric	English	Comments
Compression Set	1.0 %	1.0 %	
	@Pressure 0.345 MPa	@Pressure 50.0 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 °C	482 °F	Silicone filled
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Silicone filled

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	42 dB	42 dB	P-Field
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
	52 dB	52 dB	H-Field
	@Frequency 10000 Hz	@Frequency 10000 Hz	
	68 dB	68 dB	H-Field
	@Frequency 100000 Hz	@Frequency 100000 Hz	
	84 dB	84 dB	P-Field
@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz		
88 dB	88 dB	H-Field	
@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz		
100 dB	100 dB	P-Field	
@Frequency 4.00e+8 Hz	@Frequency 4.00e+8 Hz		

Electrical Properties	Metric	English	Comments
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	E-Field
	>= 100 dB	>= 100 dB	
	@Frequency 1.00e+7 Hz	@Frequency 1.00e+7 Hz	E-Field
	>= 100 dB	>= 100 dB	
	@Frequency 1.00e+8 Hz	@Frequency 1.00e+8 Hz	E-Field

Descriptive Properties	Value	Comments
Closing Force	50-75 psi	

## Contact Songhan Plastic Technology Co.,Ltd.

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