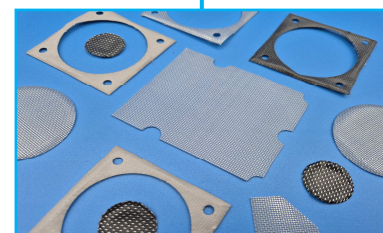


This Cem Gasket is IP 68. In composite, it consists of metal mesh combined with silicone, creating a highly conductive joint and a very good resilient for EMI/RFI and environmental shielding applications. It is relatively hard and at the same time elastic and provides an economic response to the tightness of flat surfaces, provided that the surface irregularities do not exceed 0.10 mm. A fluoro silicone version exists for use in presence of: fuels, oils, hydraulic leaks or other contaminants. Exposed metal points, where the wires intersect, create about. 80 contacts per cm², with excellent contact is a very weak resistant. It also protects from EMP.



Technical characteristics

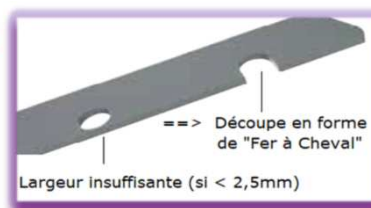
Features	Units	Values	Remarks
Material			
Base material	/	-Silicone Compact grade 50 Shore A -Fluorinated Silicone Compact grade 50 Shore A	-USA Specif. ZZ-R-765 Classe 2 -USA Specif. MIL-R-25988
conductive filler	/	-Aluminum Wire / Diameter+/- 0.13 mm	-SAE AMS 4182
Contacts	/ cm ²	80	
Tape	/	Non	
Standards Sizes			
Thickness sheet woven canvas	mm	0,5	+/- 0,15 mm
Plates	mm	300x300	Max size
General Properties			
Corlor	/	Gray	Blue for the FluoroSilicone
shielding efficiency	dB	65 dB à 200 kHz 90 dB à 100 MHz 75 dB à 1 GHz	+/- 5 dB
Compression	/	50%	Maximum
Temperature Use	°C	-60 à + 200 (Silicone) -55 à + 200 (Fluoro Silicone)	
Standards Packages	/	Sheets or parts cut to plan	On request
Handling	/	To handle with gloves because cutting	

The attenuation varies according to the compression especially in H-field and in plane wave.

General Tolerance

Type	Tolerance
Linear	+/- 0,9 mm
Center of the holes	+/- 0,5 mm
Thickness	+/- 0,15 mm

Example:



The results were obtained under laboratory conditions and should be considered only as an indication. As AB2E has no control over its customers' equipment and many other factors, it is the user's responsibility to carry out its own tests to ensure that the product corresponds to its needs.