

Max-Shield Conductive Elastomer Gasket

Mold-In-Place Gasket

Characteristics:

MIP is a two component, heat curable Silicone system, optimized for Over Molding or Mold-In-Place processes. Its high Electrical conductivity and very soft properties made it an excellent gasket for low pressure force application on Mobile devices for EMI Shielding and Environmental protection material purposes. It can be designed in various geometries to fit the harsh environment need.

Features:

- Very soft Ag/Glass filled silicone
- High EMI shielding effectiveness
- Addition type silicone provides good electrical stability, no bleeding, no migration

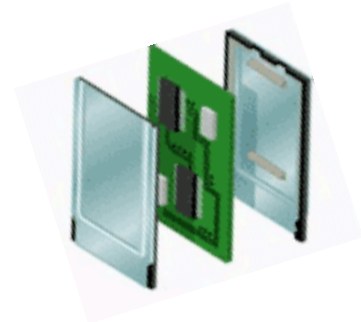
Applications:

- Mobile devices – PCMCIA card, CF card
- Medical devices
- Telecommunication devices

Typical Properties

Properties	Unit	M-1101	M-1102	M-1103
Elastomer Binder		Silicone	Silicone	Silicone
Conductive Filler		Ag/Glass	Ag/Glass, Ag/Cu	Ni/Gr
Physical properties				
Specific Gravity	g/cm ³	2.0	2.0	2.0
Hardness	Shore A	60	60	60
Tensile Strength	psi	200	200	150
Elongation	%	100	100	80
Tear Strength	lb/in	50	50	40
Compression Set	%	30	30	30
Color		Beige	Beige	Dark Grey
Temperature Range	°C	-45 ~ +150	-45 ~ +150	-45 ~ +150
Max. using temp.	°C	200	200	200
Electrical Properties				
Volume Resistivity	Ohm-cm	0.04	0.02	0.08
E-Field, 100 MHz	dB	100	100	100
E-Field, 500 MHz	dB	100	100	100
E-Field, 2 GHz	dB	100	100	100

This information and our technical advise – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery



TennVac Inc. (Taiwan)
Tel: +886 2 26951213
Fax: +886 226951187
Email: sales@tennvac.com

**TennVac Technology
(Shenzhen) Co. Ltd**
Tel: +86 755 26951701
Fax: +86 755 26952411
Email: sales@tennvac.com

**TennMax Electronic
Material (Kunshan) Co. Ltd**
Tel: +86 512 57603910
Fax: +86 512 57603915
Email: sales@tennvac.com

TennMax America Inc.
Tel: +01 (360) 5463824
Fax: +01 (360) 5670706
Email: jeff@tennmaxusa.com