

Kinetic Polymers

D-13/2,Phase – 1,Road No : 3,IDA,Jeedimetla,Hyderabad – 500 055.

Phone NO : 040 – 65278344 , 65408277, Tele Fax No : 040 – 23093957

E-Mail : kineticpolymers@gmail.com , Website : www.kineticpolymers.com

Products used in EMI Applications

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- 1) **Silver Filled Silicone Rubber Gasket & Sheet**
- 2) **Silver Filled Silicone Rubber Cord**
- 3) **Silicone Thermal Pad**
- 4) **EMI Fabric Based Gasket & Sheet**
- 5) **EMI Fabric Based Cord**
- 6) **Transparent Sheet for Windows**
- 7) **Conductive Gasket**
- 8) **Honey Combs for EMI – Air Ventilation**
- 9) **Copper Tapes & Aluminium Tape**
- 10) **Conductive Putty & Adhesives**
- 11) **EMI Mesh cloth – Semi Transparent**
- 12) **EMI Shielding Cabinet**
- 13) **Acrylic Sheet**

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Technical Specifications of Silver filled silicone rubber EMI Gasket

- Base Material : Silicone Rubber
- Conductive Material : Pure Silver
- Colour : Grey
- Conductivity : ≤ 0.01 Ohms
- Expected db level : ≥ 80 db
- Hardness : 75 +/- 10 Shore 'A'

Technical Specifications of Conductive Carbon Filled with Neoprene / Silicone Rubber

- Base Material : Neoprene / Silicone
- Conductive Material : Conductive Carbon
- Colour : Black
- Conductivity : $\leq 10^4$ Ohms
- Expected db level : ≥ 40 db

Technical Specifications of Circular Gasket

- Base Material : Silicone Rubber
- Conductive Material : Pure Silver
- Colour : Grey
- Conductivity : ≤ 0.1 Ohms
- Expected db level : ≥ 60 db
- Size : 2 mm circular

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Technical Specifications of EMI Shielding Gasket

Material	:	EMI Shielding Gasket
Composition	:	PET + CU + NI + PU Foam
Size	:	10 mm x 2 mm x 1.5 mtrs 20 mm x 5 mm x 1.5 mtrs
Resistance	:	< 0.05 Ohms
Excepted db levels	:	10 M Hz --- 93 500 M Hz --- 94



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Technical Specifications of Conductive Polyester Sheet

Material	:	Conductive Coated (one side) transparent polyester sheet
Resistance	:	≤ 1 Ohms (Top side) 10^{11} Ohms (Bottom side)
Excepted db levels	:	60 db
Size	:	A4 / 500 mm roll form
Thickness	:	0.15 mm – 0.2 mm (0.007 inch)
Static Charge Generation	:	Nil



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Technical Specifications of Conductive Gasket

- Material : Neoprene Rubber
- Colour : Black
- Surface Resistance : $< 10^5$ Ohms
- Hardness : 80 +/- 5 Shore 'A'
- Tensile Strength : 140 to 150 kg / cm²
- Thickness : 3 mm
- Expected db level : 40 to 50

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Technical Specifications of EMI Mesh

Material	:	EMI Mesh
Composition	:	Polyester fabric with Nickel, Copper and Silver coating
Temperature Range	:	- 20 ⁰ C to 75 ⁰ C
Resistance	:	0.01 Ohms
Excepted db levels	:	70 db to 80 db
Size	:	Width 1 mtr
Thickness	:	0.1 mm



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Technical Specifications of EMI Shielding Cabinet

- Size : 8ft x 8ft x 8ft
- Door : 1 No
- Ventilation : Yes
- ESD Safe Tables : 2 Nos
- ESD Safe Chairs : 2 Nos
- Wrist Bands : 4 Nos
- ESD Safe Slippers : 4 Pairs
- ESD Safe Aprons : 4 Nos
- ESD Safe Imported Flooring : 65 Sqfts
- Meeting your requirements made with aluminum panel & leak proof with EMI Shielding gasket.

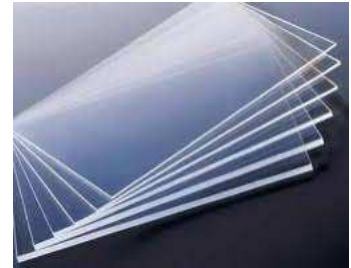


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Technical Specification for Acrylic Sheet

- Material : **Acrylic Sheet**
- Colour : Transparent
- Surface Resistance : $\leq 10^{11}$ Ohms
- Static Charge Generation : Nil
- Rate of Decay : $\leq 10^{11}$ Ohms
- Instrument used for : Static Charge Meter (SCM-01)
Insulation Tester RISHI 20 with special probes as shown in the picture



Insulation Tester RISHI 20
with special probes