



EMI Shielding and Thermal Management Materials

# marketingeast

Authorized Stocking Distributor of **Parker Chomerics**

Our mission at Marketing East is to be your #1 supplier of Parker Chomerics' products by exceeding your expectations on all levels. We aim to provide exceptional and personalized customer service, expert product knowledge, and on-time shipments.

## PRODUCT OVERVIEW

### Electrically Conductive Paints

#### ELECTRICALLY CONDUCTIVE PAINTS

##### CHO-SHIELD®

Parker Chomerics family of EMI Shielding Paints are designed for application on a wide variety of surfaces for challenging environments when a conductive surface is desired. Adhesion to plastics and metals provides excellent EMI shielding. Integrated circuits can be EMI shielded at the board level utilizing high-performance paints. These products include:

- Cho-Shield 2056
- Cho-Shield 602
- Cho-Shield 2002
- Cho-Shield 596
- Cho-Shield 610
- Cho-Shield 2002
- Cho-Shield 571
- Cho-Shield 1091
- Cho-Shield 2040
- Cho-Shield 601
- Cho-Shield 2001



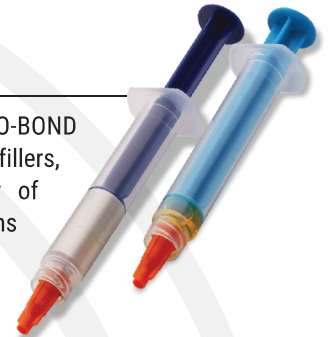
### Electrically Conductive Sealants & Adhesives

#### ELECTRICALLY CONDUCTIVE ADHESIVES

##### CHO-BOND®

Parker Chomerics family of CHO-BOND electrically conductive sealants, gap fillers, and adhesives provides a variety of solutions for solving EMI problems beyond that which can be addressed simply with EMI gasketing. These products include:

- Cho-Bond 360-20
- Cho-Bond 584-29
- Cho-Bond 584-208
- Cho-Bond 1029
- Cho-Bond 1030
- Cho-Bond 1035
- Cho-Bond 1038
- Cho-Bond 1075
- Cho-Bond 1121
- Cho-Bond 4660
- Cho-Bond 4669
- Cho-Bond 1085 Primer
- Cho-Bond 1086 Primer
- Cho-Lube 4220 (Electrically Conductive Grease)
- Tecknit 72-00002 & 72-00005



### Thermally Conductive Gels & Greases



#### THERMALLY CONDUCTIVE GELS

##### THERM-A-GAP™ GELS

Parker Chomerics THERM-A-GAP GELS are supplied as pre-cured, single component compounds that can be dispensed over the heat generating component. These unique gel materials result in much lower mechanical stress on delicate components than even the softest gap-filling pads. They are ideal for filling variable gaps between multiple components and a common heat sink. These include:

- THERM-A-GAP GEL 25NS
- THERM-A-GAP GEL 30
- THERM-A-GAP GEL 37
- THERM-A-GAP GEL 45
- THERM-A-GAP GEL 75
- THERM-A-GAP 8010
- THERM-A-GAP T630
- THERM-A-GAP T636

### Thermally Conductive Cure-in-Place Potting and Underfill Materials

#### THERMALLY CONDUCTIVE CURE-IN-PLACE POTTING AND UNDERFILL MATERIALS

##### THERM-A-FORM™

Parker Chomerics THERM-A-FORM thermally conductive silicone elastomer products are dispensable form-in-place compounds designed for heat transfer without excessive compressive force in electronics cooling applications. These versatile liquid reactive materials can be dispensed and then cured into complex geometries for cooling of multi-height components on a PCB without the expense of a molded sheet. Each compound is available in ready-to-use cartridge systems, eliminating weighing, mixing and degassing procedures. These include:

- THERM-A-GAP TC50
- THERM-A-FORM 1642
- THERM-A-FORM 1641
- THERM-A-FORM CIP35



978-777-3837

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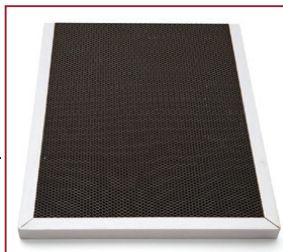
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## Additional Products

### EMI Shielded Air Ventilation Panels

#### STREAMSHIELD OMNI-CELL<sup>®</sup> SHIELD-CELL

Parker Chomerics family of shielded air ventilation panels consists of several product variations. Shielded air ventilation panels, also known as shielded honeycomb vent panels, provide adequate air flow for cooling purposes in electronic enclosures while preserving the necessary EMI shielding.



### Metal Foil Tapes

#### CHO-MASK, <sup>®</sup> CHO-FAB & CHO-FOIL <sup>®</sup>

Parker Chomerics CHO-FOIL metal foil tapes provide an economical solution to applications requiring excellent electrical conductivity across substrates. These foil tapes can provide a low impedance connection between a braided cable shield and the metal connector backshell in molded cables. Due to the highly conductive pressure sensitive acrylic adhesive (PSA), the tape can provide an effective shielded cable assembly without the need for soldering the tape to the braid.



### Electrically Conductive Heat Shrinkable Tubing

#### CHO-SHRINK <sup>®</sup>

Parker Chomerics CHO-SHRINK is formulated and manufactured for commercial EMI cable shielding applications to provide low cost, light weight, 360° EMI shielding for cables, transitions, connectors and terminations. CHO-SHRINK's ease of application reduces assembly costs and provides a reliable, professional looking EMI cable shielding solution for electronic equipment.



### EMI Shielding Cable Wrap

#### SHIELD WRAP <sup>®</sup>

Parker Chomerics high quality flat cable jackets are designed to attenuate RF signals and bring digital electronic devices into EMC compliance at an attractive cost.



### Electrically Conductive Plastic Pellets & Injected Molded Plastic Solutions

#### PREMIER <sup>™</sup>

Parker Chomerics PREMIER family of materials are electrically conductive thermoplastics for plastic enclosure EMI shielding solutions. The polymer alloys (PC-ABS or PBT-PC) and conductive fillers are engineered for stable electrical, mechanical and physical performance.



### EMI Shielding Engineered Laminates

#### CHO-STRAP <sup>®</sup>

Parker Chomerics family of engineered laminates for EMI shielding and grounding consist of foil and film dielectrics adhesively joined for a custom laminate solution. The electrically conductive portion includes: aluminum, copper, or tin-plated copper foil; nickel-plated copper, polyester taffeta; nickel-plated silver, nylon taffeta; and nickel-plated silver, nylon rip-stop. Available dielectrics include: mylar, PVC, polypropylene (Formex <sup>™</sup>) and Kapton<sup>®</sup>. Adhesive offerings include: acrylic, electrically conductive acrylic, fire retardant conductive acrylic and silicone.



### Microwave Absorber Materials

#### CHO-MUTE <sup>®</sup>

Parker Chomerics CHO-MUTE 9005 and 9025 elastomer based absorber materials are designed to offer a user-friendly approach to the reduction of unwanted electromagnetic radiation from electronic equipment as well as minimize cavity-to-cavity cross coupling and microwave cavity resonances. Comprised of a silicone elastomer matrix with ferrous filler material, these materials provide RF absorption performance over a broadband frequency range from 500 MHz to 18 GHz.



### EMI Attenuating Ferrite Cable Chocks

#### CHO-SORB <sup>®</sup>

Parker Chomerics cost-effective CHO-SORB EMI ferrites reduce conducted emissions and ESD susceptibility on signal lines and power cables without affecting data transmission. They are widely used in computers, printers, keyboards, PBXs, CATVs, radio and television receivers, medical electronics, and data communications equipment. Unlike cable shields, CHO-SORB attenuators do not require grounding.



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## Additional Products



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### Electrically Conductive Elastomer Gaskets

#### CHO-SEAL®

Parker Chomerics EMI shielding elastomer gaskets come in sheets, extrusions, molded, and in custom sizes, and are the superior choice for elastomeric seals, corrosion resistance, environmental sealing, and cost effective electronic shielding.



### Fabric Over Foam Gaskets

#### SOFT-SHIELD®

Parker Chomerics product line family of SOFT-SHIELD EMI gaskets provides a selection of strip and sheet stock commercial EMI gasket solutions suitable for most all indoor EMI shielding and grounding applications. These products rely on the unique construction of a conductivity-plated fabric or wire mesh, wrapped or knitted over a low closure force urethane foam.



### Oriented Wire Gaskets

#### POLA®

Parker Chomerics POLASHEET and POLASTRIP gasketing are composite EMI shielding and weather sealing materials. Either solid or sponge silicone may be specified as the weather seal.



### Thermally Conductive Gap Filler Pads

#### THERM-A-GAP™

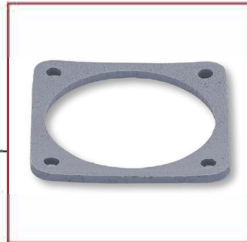
Parker Chomerics commercial grade thermal insulator pads are designed for use where solid thermal and electrical properties are required at an economical price. These products are offered as dry pads, or with an optional adhesive (PSA) layer for attachment. Materials with PSA are available die-cut on continuous rolls. Versions are offered with either polyimide or fiberglass reinforcement to protect pads against tear cut-through and punctures



### Metalastic Gaskets

#### METALASTIC®

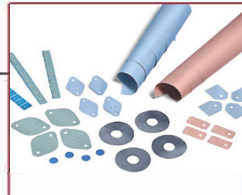
Parker Chomerics METALASTIC gaskets are a family of metal-based gasketing technologies available with or without elastomer binder. Material is produced in thin sheets that can be cut into custom geometries to meet application-specific needs.



### Thermally Conductive Electrical Insulator Pads

#### CHO-THERM®

Parker Chomerics thermally conductive pad selection includes dielectric insulating pads for use as alternatives to greased mica insulators between discrete power devices and heat sinks. Also available are low-modulus, thermally conductive silicone and non-silicone gap filler pads for semiconductor applications where heat must be conducted over large, variant gaps between components and heat dissipating surfaces.



### Electrically Conductive Form-In-Place Material Gaskets

#### CHO-FORM®

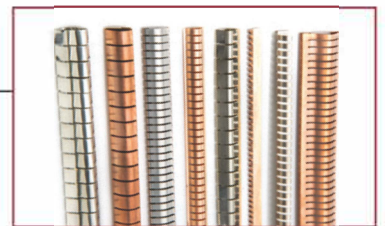
Parker Chomerics robotically dispensed Form-In-Place (FIP) EMI shielding gaskets provide the lowest total cost of ownership for small cross section and complex pattern applications. Parker Chomerics CHOFORM (conductive) and ParPHorm (non-conductive) FIP materials can reduce installed cost of an EMI gasket by up to 60%.



### Fingerstock Gaskets

#### SPRING-LINE®

Parker Chomerics Fingerstock offers superior shielding for large compression ranges due to mounting surface variability.



### Wire Mesh Gaskets

#### MESH STRIP®

Parker Chomerics offers one of the broadest selections of metal-based gasket solutions available anywhere for ElectroMagnetic Interference (EMI) and ElectroMagnetic Pulse (EMP) shielding as well as lightning strike protection. These products include three distinct families; knitted wire, oriented wire in silicone and expanded metal.



### Dispensing Guns

#### SEMCO®

The SEMCO dispensing guns will dispense the Parker Chomerics products packaged in the 6 oz SEMCO cartridges. These products are designed for the application of sealants, adhesives, and other compounds. They include:

- SEMCO 250-A Pneumatic Gun
- SEMCO 850 Manual Gun
- SEMCO 950 Manual Gun



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Marketing East accepts all major credit cards and can service orders of all sizes. We look forward to working with you and providing the best service in the industry!

## TRUSTED SINCE 1975

Marketing East became the first authorized distributor of Parker Chomerics' products in 1975 and has since become their only stocking distributor for electrically and thermally conductive compounds.



## WE TAKE PRIDE IN OUR ROOTS

Marketing East is a woman-owned business and is located on the North Shore of Massachusetts within 40 minutes of Chomerics' manufacturing plants. Its close proximity to these factories, in addition to stocking products for the most common requirements, allows Marketing East to quickly ship the same day, next day, or schedule a delivery to meet your needs.



## FAST, RESPONSIVE AND 100% SATISFACTION GUARANTEED

In pursuit of its mission, Marketing East desires to be your supplier of Parker Chomerics' products by exceeding your expectations on all levels. We aim to provide exceptional and personalized customer service, expert product knowledge, and on-time shipments. The quality of products and services we provide are of paramount importance and we seek continuous improvement through our quality management system which has been certified by ISO 9001:2015 for over a decade.



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