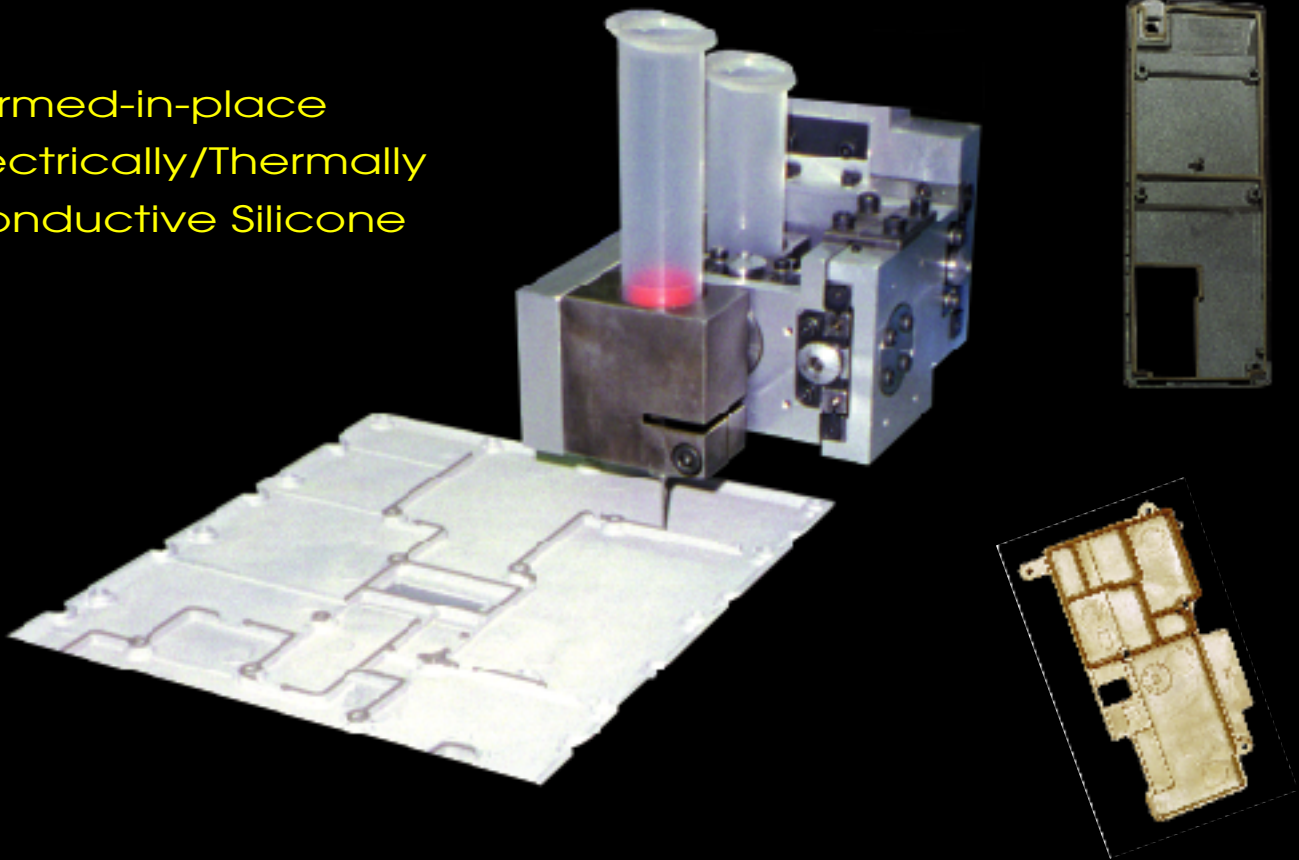


EMI/RFI

FORMED-IN-PLACE

GASKETS

Formed-in-place
Electrically/Thermally
Conductive Silicone



contractgasketing.com

A Division of Robotics, Inc.

We Dispense *Solutions*[™] 

Automated Dispensing Benefits

- High Adhesion Rates**
>120 psi
- Improved Quality & Performance**
Repeatability of bead accuracy of 0.001 inch
- Reduced Product Size**
Form-in-place (FIP) gaskets do not require mechanical retention. Part design can be reduced by half
- Improved Deliveries**
Cure times of FIP gaskets are minutes—not hours
- Versatility**
Dispensed gaskets can be applied to flat surfaces or grooves



Contract Gasketing

- Small- to mid-size companies can take advantage of the latest technology without the high cost of capital equipment
- Prototype work to thousands of parts per shift
- Add value to your product
- Eliminate labor and inventory cost associated with hand-applied gaskets

Conductive Silicone Gasketing

EMI/RFI Shielding & Grounding

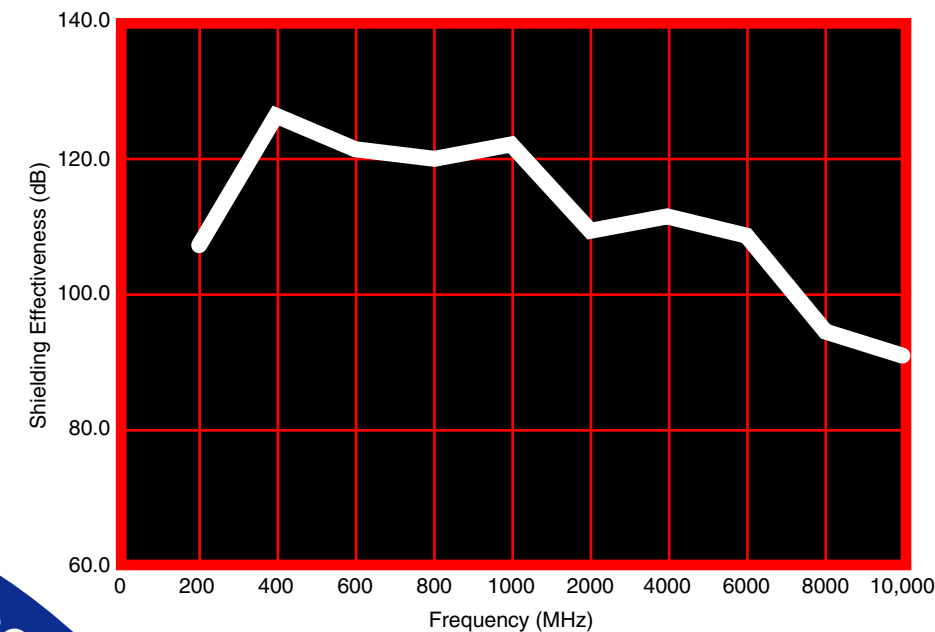
FIP Conductive Silicone—Typical Properties

Volume Resistivity	ASTM D 991 0.001 ohm/cm	MIL - G 83528 0.008 ohm/cm
Thermal Conductivity	ASTM C 117 3.0 w/mk	
Lap Shear/Adhesion	ASTM D 1002 >140	
Durometer (Shore A)	ASTM D 2240 45-60	
Operating Temperature Range	-70°C to +266°C	
Shielding Effectiveness	78 db to 107 db	

Conductive Fillers Used in Silicone Rubber

- Silver
- Silver-plated aluminum
- Silver-plated copper
- Silver-plated glass
- Silver-plated nickel
- Nickel graphite

Shielding Effectiveness (Typical Pattern)



contractgasketing.com

2421 Route 9

Ballston Spa, NY 12020 USA

800-876-2684

The Company

Contractgasketing.com is a division of Robotics, Inc. Since 1971, Robotics has specialized in automation and technologies involving dispensing adhesives, sealants, and other fluid materials. We offer a wide range of equipment to meet your needs—

- Custom and standard modular dispense & cure systems and equipment
- Table-top to stand-alone to turnkey multi-station automation systems
- Proprietary technologies and equipment such as meter-mix, vision assisted motion programming, bead inspection, and bead detection
- Sophisticated custom engineering capabilities
- Robotic parts handling, conveyors, curing ovens, and more

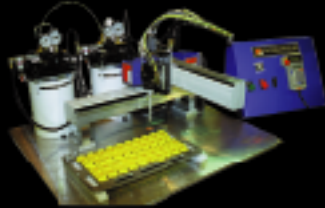


Material Capabilities

Silicones	EMI
RTVs	Urethanes
LSRs	Hot Melts
Form-In-Place	Warm Melts
Anaerobics	Thermally
Cyanoacrylates	Conductive
Epoxies	

Additional Capabilities

Potting
Conformal Coating
Toll Dispensing
Adhesive Coating
Applied Lubricants



Industry Experience

Aerospace	Construction
Appliance	Electronics
Automotive	Electrical
Avionics	Glass
Casting	Medical
Computer	Plastics
	Telecommunications

Substrates

Metals
Plated Materials
Plastics
Composites
Rubber
Adhesive Coated



Eastern Facility

Contractgasketing.com
2421 Route 9
Ballston Spa, NY 12020 USA
Ph 800-876-2684
Fx 518-899-4230
E-mail Info@contractgasketing.com

Midwest Facility

Contractgasketing.com
Englewood Center
1032 N. Crooks, Suite G
Clawson, MI 48017 USA
Ph 800-876-2684
Fx 248-288-6587
E-mail Info@contractgasketing.com

