

EGC Plastics - A Total Source

Since 1959, EGC Plastics has been the leader in providing custom manufactured components made from the world's highest performance plastics. EGC Plastics is a preferred supplier to the Aerospace, Semiconductor and Fluid Handling industries.

EGC Plastics is recognized for working in unison with customers to develop innovative solutions to problematic applications where corrosion, wear, friction, exposure to temperature extremes, lubricity, sealing and ultra purity are critical factors in product performance.

Fenner Advanced Sealing Technologies

Fenner Advanced Sealing Technologies (FAST) works closely with customers to supply sealing solutions for the most demanding performance-critical applications by using the most advanced materials and technology.

FAST manufactures and distributes specialized seals, and provides advanced sealing solutions for process and fluid power applications throughout Europe, North America and the Asia Pacific region.

Applications include Mining, Automation, Earth-Moving and Construction machinery, Petrochemical, Oil and Gas Downstream activities, as well as Pharmaceutical, Medical, Semiconductor and Aerospace sectors.

USA

EGC Plastics
8103 Rankin Road
Humble, Texas 77396
T: +1 (281) 446 6662
T: +1 (281) 774 6100
F: +1 (281) 446 7034
email: egcsales@egcplastics.com

CDI UK

130 Oldfield Road
Hampton
Middlesex TW12 2HT
T: +44 (0)20 8481 8300
F: +44 (0)20 8941 3107
email: sales@cdipolytek.co.uk

Australia

Hallite Seals Australia
Pty Limited
1/1 St. James Place
Seven Hills, N.S.W. 2147
(PO Box 91)
T: +61 (0)29 620 7300
F: +61 (0)29 620 7400
email: seals@hallite.com.au

Brazil

Hallite do Brasil LTDA
Avenida Cinco
1367 - Jardim Claret
13503-254 Rio Claro, SP
Brazil
T: +55 19 3523-1859
F: +55 19 3532-4897
email: vendas@egcplastics.com.br

Canada

Hallite Seals (Canada) Ltd
89 Galaxy Boulevard
Unit 12
Toronto
Ontario M9W 6A4
Canada
T: +1 (416) 675 2505
F: +1 (416) 675 4341
email: seals@hallite.ca

China

Fenner Sealing Technologies
(Shanghai) Co, Ltd
785 Xing Rong Road
Jiading Industrial Park
Jiading District Shanghai
China 201807 P.R.C
T: +86 (0)21 5993 8969
F: +86 (0)21 5993 9163
email: fast.shanghai@fenner.com

France

Hallite (France) Limited
Z.A. Les Petits Carreaux,
1 Av Des Lys
94385 Bonneuil-sur-marne,
Cedex.

T: +33 (0) 143 778 550
F: +33 (0) 143 779 393
email: seals@hallite.fr

Germany

Dichtelemente Hallite GmbH
Billwerder Ring 17
21035 Hamburg

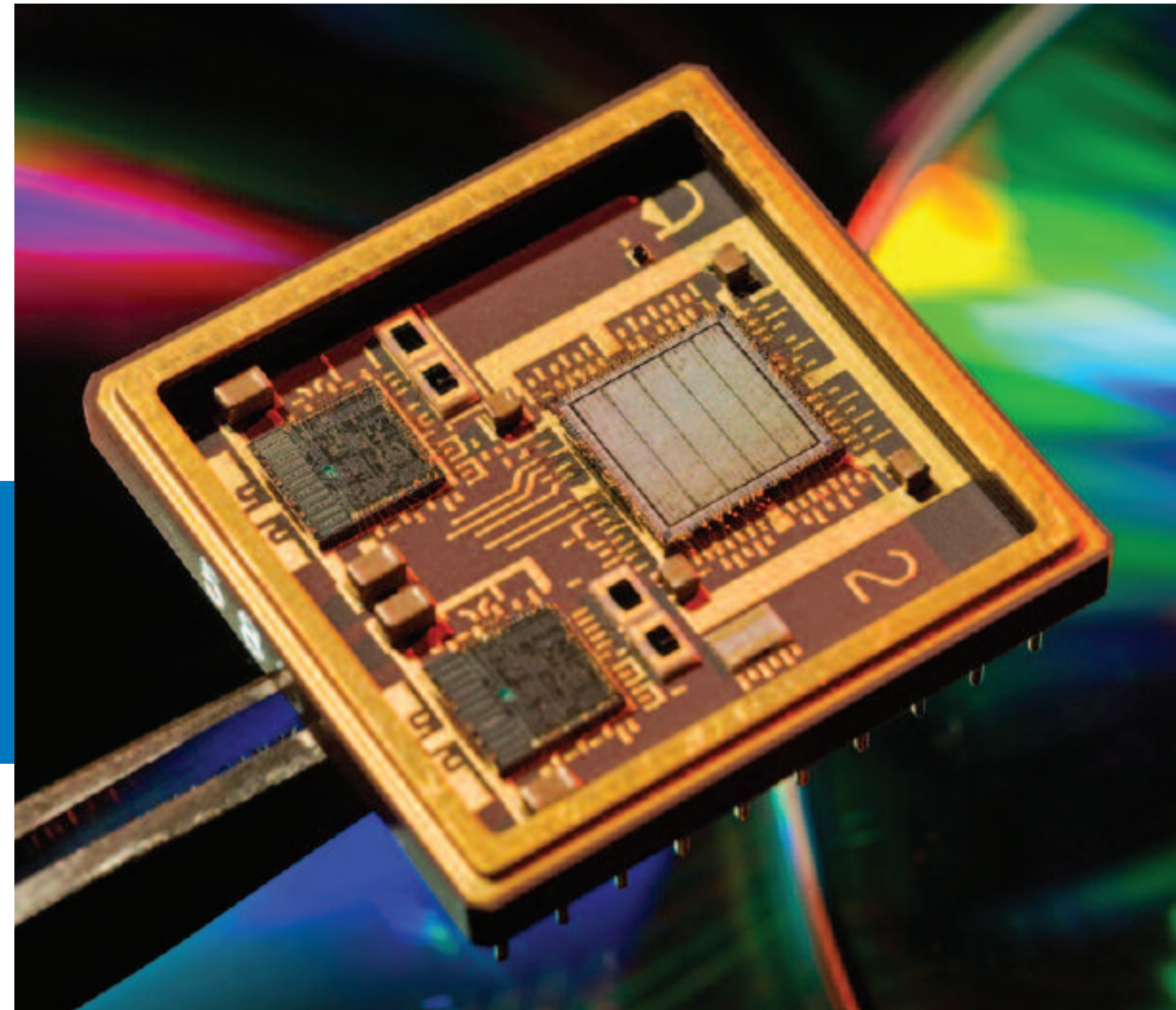
T: +49 (0)40 73 47 48-0
F: +49 (0)40 73 47 48 49
email: seals@hallite.de

Italy

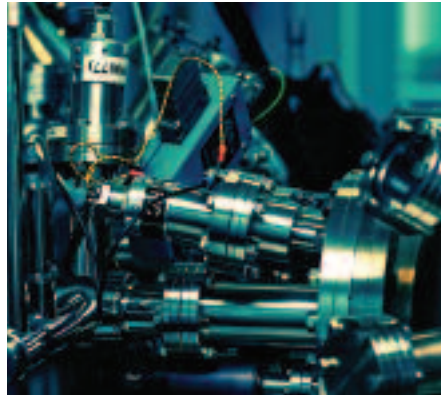
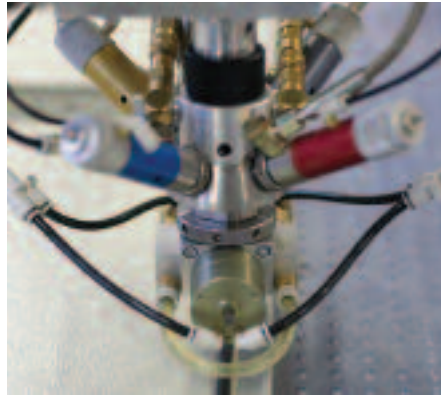
Hallite Italia srl
Via Leopardi 24/1
Livorno
57121
Italy
T: +39 (0) 58 642 8287
+39 (0) 58 642 9734
F: +39 (0) 58 642 9845
email: seals@hallite.it

Semiconductor

www.egcplastics.com



Semiconductor



EGC Plastics can complement your Semiconductor applications by creating, on demand, custom-made products from fluoropolymer resins, ideal for ultra pure applications.

Whether your project requires an ultra pure application within a highly corrosive environment, a chemically resistant polymer, a conductive or insulated product, EGC Plastics can meet your needs. We replace the metal from process equipment wherever needed with cost competitive fluoropolymers and engineering grade resins.

Engineered plastic components can be custom manufactured to meet design principles of Semiconductor OEM's. At EGC Plastics the polymer selection and materials design, molding process development and manufacturing of products is supported in one location.

Products comprised solely of polymeric materials are a good fit in highly corrosive environments as well as in areas where

cryogenic or elevated temperature conditions exist. Plastic components can be made to reduce slough, eliminate metallic particles and corrosion which can cause cross contamination in the process for which they are being used. Using internal lubricants in the polymer in its pre-processed state can eliminate the need to smear final components with contaminating oils during the wafer manufacturing process. Plastic can replace metal in many applications, and plastic part designs can create a high degree of functional integration to reduce the number of components required in the overall equipment design.

Strategic selection of a polymer is the first step of the final product's fitness. Understanding the process of initially converting the raw polymer is as essential in the final part formation as understanding the OEM's application conditions. This leverage allows the final product optimum performance in the OEM's equipment design. The culture at EGC Plastics consists of a high performance development

community which includes the polymer scientists, process engineers and the OEM design team to allow the collaboration necessary to identify and fix the most critical barriers at the project's inception. EGC Plastics understands how critical the collaboration is between product development and successful results.

Volume manufacturing of the product is a result of our developmental process. At EGC Plastics, it is our goal to develop projects that can be manufactured repeatedly within our facilities.

Typical products include:

- OEM Equipment
- CMP Equipment
- Chemical Delivery Units
- Valves
- Pumps
- Flow Controllers
- Heat Transfer Equipment

