Customer Value Proposition:

Parker’s Composite Sealing Systems Division (CSS) offers medical and pharmaceutical OEMs a wide range of medical grade molded, insert-molded, and over-molded components. We specialize in medium to high volume liquid silicone injection molding as well as high volume organic rubber "flashless" vacuum transfer molding.

All molded components are manufactured in a "clean" environment or in ISO Class 8 Cleanrooms. Our facilities are located in Mexico, California and Indiana. Product is manufactured to medical and pharmaceutical OEMs' quality expectations and dimensional specifications.

Liquid Injection Molding:

With presses ranging in size from 28 tons up to 300 tons, we provide medium to high volume semi-automatic, automatic cold-runner and conventional runner, Liquid Injection Molding (LIM/LSR) capabilities to our medical and pharmaceutical customers.

Contact Information:

Parker Hannifin Corporation
Composite Sealing Systems Division
7664 Panasonic Way
San Diego, CA 92154 USA

phone 619 661 7000
fax 619 671 3208
CSS.Mail@Parker.com

www.parker.com
Silicone Base Materials:
All silicone medical components are manufactured with silicone base materials from Dow Corning, Momentive, NuSil, Shin-Etsu, and Wacker that will pass ISO 10993 tests.

Injection and Compression Molding:
Complete capabilities to mold horizontal and vertical high consistency silicone and organic rubber through injection and compression molding methods.

Flashless Transfer Molding:
With press sizes up to 500 tons, we are proficient in medium to high-volume silicone and organic rubber flashless transfer moldings and high-cavitation tooling.

Custom Compounding:
We offer custom compounds for molded components in the following materials:
- Silicone
- EPDM
- Nitrile
- Organics
- Polyisoprene

Medical Device Assembly and Secondary Operations:
We offer extensive Molding and medical device assembly capabilities in certified Class 100,000 Cleanrooms.
- Sterile/purified water per USP standards
- Cryogenic deflashing
- Chlorination
- Custom packaging
- Die cutting
- Mechanical assembly
- Parylene coating
- Plasma etching

Prototype and Production Tooling Available

Quality Assurance:
Parker’s Composite Sealing Systems Division operates under a fully documented quality assurance system per ISO 9001:2000 standards. We follow a strict mold validation protocol as well as all customer specifications and requirements. Additionally, our facilities are ISO 13485:2016 certified.

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