

Product Overview



i/ISM Master Distributor for **UNITED SILICONE**

888-207-8915

Sustainability of Customization

Less scrap, fewer changeovers.

Every single one (we mean, every. single. one.) of our custom products is meticulously crafted with precision, ensuring form, fit, and function to your specific part and application.

Made for the sustainability-conscious engineer, these products result in reduction of product waste and higher production throughput. Ideal for the engineer who requires efficiency in their process.

Table of Contents

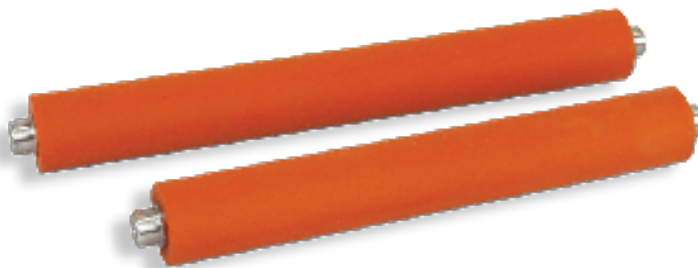
Silicone Seal Bars & Jaws	4
Silicone Rollers	4
Part Support Fixtures/Anvils	5
Silicone Seal Heads	6
Silicone Rubber Sheets	7



Silicone Bars & Jaws

With custom molded Silicone Seal Bars/Jaws you can count on reduced 'leakers' and higher production yields.

Crowned designs eliminate air bubbles, for superior seal integrity and repeatability. Directly bonded Teflon designs eliminate the maintenance of independent Teflon tape and wraps.



Silicone Rollers

Heat tolerant, compliant rollers with market-leading silicone-to-metal bond.

Each roller is surface ground, ensuring precise TIR and OD measurements as well as a smooth, surface finish. Diameters up to 20 inches and face lengths up to 110 inches available.



Part Support Fixtures/Anvils

Compliant Anvils provide ideal support for tray and cup sealing applications. Each of these products is meticulously crafted with precision, ensuring form, fit, and function to your specific part and application.

Silicone-to-metal bonded fixtures as well as continuous gasket formats are designed to meet your production environment.





Silicone Seal Heads

Thermally conductive Silicone Seal Heads transition heat and pressure evenly, eliminating contact-to-surface imperfections while providing superior seals and reduced 'leakers'.

Sealing patterns are directly molded into compliant Seal Heads in multiple reliefs and heights for even pressure distribution.

Magnetic assemblies provide maintenance personnel with a truly quick-change design, resulting in maximum uptime.



Silicone Rubber Sheets

Silicone-to-metal bonded sheets are precision ground to specified thickness and flatness tolerances.

Engineered formulations provide high temperature tolerance and compression resistance.

Product features:

- Thermally conductive
- Heat tolerant to 550°F
- 40 to 90 durometer (Shore A)
- Excellent silicone-to-metal bond
- Resistant to compression stress
- Precision ground for flatness
- FDA Food Grade and 3-A Sanitary options



Industrial Specialties Mfg. (ISM)

4091 S. Eliot St.
Englewood, CO 80110, USA

industrialspec.com

888-207-8915



Master Distributor for

