



Heat Seal & Packaging Solutions

For Medical and Healthcare

United Silicone's thermally conductive silicone offers an alternative to existing metal seal heads and platens, providing improved seal integrity – “*Smarter Seals.*” Silicone-equipped packaging lanes optimize seal consistency leading to higher production yields and reduced scrap rates.

Applications

- Bags
- Blisters
- Bowls
- Cups
- Trays
- Pouches



Supplies

- Molded Silicone Seal Heads
- Silicone Rubber Gaskets
- Silicone Rubber Rollers, Tubes, & Sleeves
- Silicone Sheets - Bonded & Unbonded
- Silicone Rubber Seal Bars
- Teflon® Bonded Silicone Rubber Seal Bars

Equipment

- Stand-alone Heat Seal Machines
- Roll-to-Roll Film & Die Cutting Capabilities
- Magnetic Quick-Change Mounting Systems

Medical and Healthcare Packaging Solutions

Heat Seal & Packaging

- Silicone Rubber Seal Heads
- Gaskets, Platens, & Anvils
- Teflon® & Silicone Seal Bars
- Excellent Silicone-to-Metal Bond
- Thermally Conductive
- Heat Tolerant up to 500oF
- Durometers 40-90 (Shore A)
- FDA Grade Silicone Formulations

Tool Sets

- Machined Aluminum Platens / Part Holding Fixtures
- Standard & Quick-Change Mounting Blocks
- CNC Engraving from Part Drawings
- Lead Times per your Production Schedule
- Testing / Sampling Prior to Shipment

Silicone Rubber Rollers and Sheets

- 40-90 Durometer
- New Cores & Re-Coats
- Flat & Contoured Grinding
- Excellent Silicone-to-Metal Bond
- Heat Tolerant up to 500°F
- 40-90 Durometer
- Dual Durometer Available
- Surface Ground for Flatness
- Standard Sizes: 12"x24"
24"x36"



Equipment

- Stand-alone Heat Seal Machines
- Hot Stamp / Heat Transfer
- Vertical Machines
- Roll-On Machines
- Peripheral Machines
- Custom Automation
- Specialized Pail Machine

ISM offers a complete line of heat seal tooling and supplies from United Silicone.