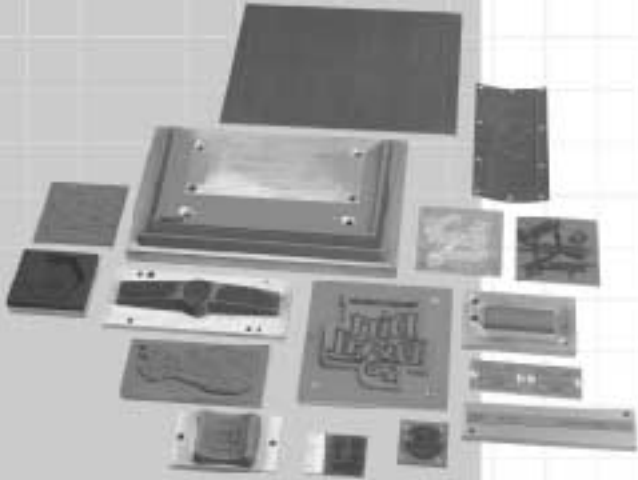


# Silicone Rubber Dies

## Hot Stamping Supplies

Silicone rubber dies are commonly used for hot stamping graphics on flat, contoured or cylindrical shaped products. Silicone rubber conforms to surface variations inherent to plastic molded parts and delivers a consistent, quality stamp. ITW Imtran offers four standard rubber formulations designed with excellent heat stability and physical properties to ensure success of your applications.



### Formulation

- Supersil™ ( Red ): General purpose
- Recotech™ ( Blue ): Versatile
- Ultrasil™ ( Red ): High heat endurance
- Thermosil™ ( Brown ): High thermal conductivity (ideal for automated applications)

### Hardness- Measured using a Shore A scale

- 80 Durometer, standard
- Dual durometer ( 90/60 ) is available
- 60 - 90 durometer available in all formulations

### Character Height ( A )

- .035", standard shallow relief
- .065", standard deep relief

### Rubber Thickness ( B )

- 3/32" is used for .035" relief dies, standard
- 1/8" is used for .065" relief dies, standard

### Aluminum Thickness ( C )

- 1/8" is standard
- 1/32", 1/16", 1/4" available
- Deadsoft- Easily formed to a contour and holds its set shape

### Finished Die Size

- 17" x 23" largest (l x w)
- 2" x 4" (standard)
- 4" x 5" (standard)
- 2 3/8" x 3 1/4" (standard)
- 1/2" x 3/4" (standard)
- 1/2" border around artwork, if standard is not applicable.
- Mounting holes and special trim available per your drawing or sketch

### Magnesium Dies

- 16 gauge material (.064")
- 11 point material (.153")
- 1/4" material (.250")

### Artwork

- Complete graphic art service available. Computer and photographic processes assure precise, art reproduction.
- Artwork can be provided on 3.5" diskette, 100mb zip disk, paste-up, film pos. or neg., 1 or 2gb Jaz disks, CD-ROM, e-mail or modem files.
- Send electronic files to: [art@unitedsilicone.com](mailto:art@unitedsilicone.com)

**ITW Imtran**

An ITW Decorating Company

ITW Imtran  
An ITW Decorating Company  
39 Shelley Road  
Haverhill, MA 01835  
Phone: 978.372.3443  
Fax: 978.372.9817  
Website: [www.itwimtran.com](http://www.itwimtran.com)

Pad Printing Equipment: Standard machines, multi-color, automated systems.

Pad Printing Supplies: Cliches, ink, silicone pads, part holding fixtures.

Hot Stamping Supplies: Silicone rubber dies, rollers, sheets, metal dies, makeready material.