Compression mold

* 64 cavity hot compression mould
* with S50C mold steel, multi-layer mold plates.
* cheap in mold cost, but cycle time could be very long, up to your product design.
* We are good moulding supplier, please send your project with detailed 2D, 3D, photos, samples, we will send our evaluation report.
Rubber molding are used in industries that span automotive, defense, sporting goods, medical devices and consumer products. Liquid silicone rubber is usually made from low-viscosity, two-component materials.

- Capable to making silicone rubber molds in hot compression way or injection way.
- Mold cavity and mold size can be discussed upon your own requirements.
- Produced from SGS, FDA approved silicone rubber and LSR materials.
- We usually use silicone rubber in the 40 to 70 shore A depending on customized requirements.
- Capable to manufacture tiny/small/little silicone molded parts for our customers.
- Supply with minimized flash free & mark free molded silicone products.
Available in dealing with OEM manufacturing, ODM manufacturing, customized production, contract manufacturing for silicone rubber mold & molding projects in Taiwan.

Silicone parts mold and molding application examples:
Our mold development for silicone has a wide range of product application lines as such: ear plug, label, pad, gasket, protective frame, mobile phone protective cover, keypad, silicone rubber cord, check valve...etc.

More Applications:
- in Aerospace (silicone molded seals...)
- in Medical and health care (silicone molded membranes, seals...)
- in Electronic (connection insulators...)
- in Cooking / Baking (silicone molded spatulas...)
- in Agricultural (seals...)

Liquid Silicone Rubber (LSR) parts mold and molding application examples:
Available to produce extensive coloring or high transparency option in the finished molded LSR products.
Capable in managing medical grade, food grade, normal grade liquid. Silicone molded products projects.

Our mold development for liquid silicone has a wide range of product application lines as such: baby nipple, pacifiers, seals, membranes, smooth surface LSR parts, respirator, medical mask, check valve, mouth guard, tension ring, diving masks...etc.
For mold design, ⋯

1. The software we use includes *Pro-Engineer, I-Deas, Cimetron, Auto-Cad & Solidworks*.
2. Customer can send 2D, 3D, by .igs .stp formats to us.
3. We can provide mold flow analysis service.
4. Mold design (with the best optimized mold water channel arrangement design and the best cycle time performance consideration design)

   In addition, CNC milled prototype, 3D printing prototype, prototype mold making service, fixture / jig making or welding horn design and making are available in Intertech with good experience!

   We need 2D, 3D parts design to start our job, we can sign NDA (if needed)

For mold making:

When making *mold project*, per customer’s requirement for mold steel material, we choose the suitable mold steel grade for our customers. We have high quality *German and Japan imports mold steel* material to proceed our mold project making. Then, the gating way will be discussed, the mold surface will be discussed, the mold cooling channel design will be checked, the operation style will be discussed, the molding machine size will be determined and the mold mechanism in actual production movement will all be checked as well. Only after our mold engineers discussing with our customers for the *mold engineering* in detail, we will proceed with our mold making job.
Mold Order Process

**Inquiry period:**
- Customers send inquiry detail (2D, 3D, photos, samples)
- Intertech provides technical checking and suggestion
- Intertech provides quotation

**Order confirm:**
- Order confirmation
- Mold design layout preparation
- Mold design layout approval

**Mold making:**
- Steel ordering
  - Mold making
  - Mold assembly

**Mold trial:**
- Mold trial with T1 samples delivery
- Sample dimension checking
- Sample approval

**Molding products:**
- Upon request, we accept pilot run, low volume and mass production job.
  - Product delivery

**Mold delivery:**
- Shipping documents preparation
- Wooden case fumigation proceeded
- Mold packing with standard export packed
- Mold delivery & report to customer
Mold Shipping Process

Mold Finish

Spare Parts

Boxing

When you receive
For Mold Inquiry, Customer Must prepare:

1. Product drawing with 2D(.dwg) and 3D (.igs, .stp…etc)?
2. Advise product material (ex. Plastic , rubber, silicone rubber or metal…etc )?
3. Molding machine tonnage size and platen size?
4. The cavity number of the mold that you want us to quote?
5. Mold steel grade that you want us to quote?
6. Hot runner or cold runner mold required?
7. Mold gating inlet preferred?
8. Mold ejection way preferred?
9. Other related information required …(ex. Polishing , texture, engraving …etc)

For Molding Products Inquiry , customer must prepare:

1. Products material required? (ex. Plastics, rubber , silicone , metal…etc)
2. Products quality required in total?
3. Delivery time required?
4. Post machining or not information? (ex. Chromed plate..., painting …etc)
5. Assembly or not information?
6. Packing or not information?

-Contact Information—

Company: Intertech Machinery Inc.
Contact Person: Debby Hsien
Address: 7F, No. 122, Zhong-Zheng Rd., Shilin District, 11145, Taipei, Taiwan
Tel : 886-2-2833-4646 Fax: 886-2-2833-4700
E-mail: intertech@seed-net.tw
G.S.M phone: 886 932 866 329
Skype account name: debbyhsien
www.intertech.net.tw
www.taiwanmoldmaker.com