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SILICONE

Premium Silicone Molds
for Handmade Art

PROFESSIONAL SILICONE MOLD USAGE & CARE GUIDE

Unlock the full potential of your Silicone Mold with this comprehensive guide.

Temperature Range: -40°C to +230°C

100% Food-Grade Platinum Silicone



www.silicone-mold.com

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Safety & Compliance

Material Safety

-  **100% Food-Grade** Platinum-cured silicone, BPA-free
-  **FDA & LFGB** certified food safety standards
-  Safe for **food contact**, resin casting, candle making, and soap crafting
-  100% silicone construction, no metal parts

Temperature Range

Operating Temperature:

-40°C to +230°C

(-40°F to 446°F)



Safe For:

 Oven Baking

Microwave Heating

 Freezer Use

Dishwasher Safe

Before First Use

Cleaning

Thoroughly wash the silicone mold with warm, soapy water to remove any manufacturing residues or dust.

 **Warm Soapy Water**
Use a soft sponge to clean thoroughly.

 **Optional Sterilization**
Boil in water for 1-2 minutes for added hygiene.

Pro Tip

For best results, allow the mold to cool completely before handling.

Preheating

For optimal non-stick performance during the first use, lightly grease the inner cavities.



Important Note

This step is recommended for initial use only. Subsequent uses do not require greasing if the mold is properly maintained.



Enhanced non-stick



Better release



Longer lifespan

Operational Tips



Filling



- ✓ Fill each cavity to approximately **80% capacity**
- ✓ Place the mold on a **flat baking tray** before filling
- ✓ This ensures stability and prevents tipping



Baking & Casting



Baking



Resin/Candle

- ⚠ **Never** place the mold directly over an open flame
- 🔪 Maintain **5 cm (2 inches)** distance from heating elements
- 👉 Ensure mixture is **fully blended** for resin/candle casting
- ⌚ Pour slowly to **minimize air bubbles**



Empty Cavities



- ⚠ **Never** bake the mold with empty cavities
- 🌊 If some cavities are unused, fill them with a **small amount of water**
- 🛡 This balances the thermal load and protects the mold's integrity

Demolding Guide

Cooling First

Always allow baked goods or cast items to cool completely before attempting to demold.

 When silicone is warm, it becomes more pliable and fragile, increasing the risk of tearing or damaging the molded product.

- ✓ Cooling ensures the item has fully set
- ✓ Silicone returns to its natural firmness
- ✓ Release becomes safer and more effective



Release Techniques

Edge Pulling

Gently pull the edges of the mold away from the product using your fingers to break the surface tension.

Bottom Pushing

Invert the mold and apply gentle pressure from the bottom with your thumb while supporting the top with your other hand.

Air Pocket Creation

For complex shapes, create small air pockets by gently stretching the mold outward to release trapped air and reduce adhesion.

Maintenance & Storage

Cleaning



Warm, Soapy
Water



Soft
Sponge



Thorough
Cleaning

- ✓ Clean with **warm, soapy water** and a **soft sponge**
- ✓ For added hygiene, sterilize by **boiling in water** for 1-2 minutes

Warning

- ✗ Never use **abrasive cleaners** or **steel wool**
- ✗ Never use **knives or sharp tools** to scrape residue

Drying & Storage



Air Dry



Lint-Free Cloth



Proper Storage

- ✓ **Allow to air-dry completely** after each use
- ✓ **Gently pat dry** with a soft, lint-free cloth
- ✓ **Store in a cool, dry place** away from direct sunlight
- ✓ Keep the mold **away from dust** and other contaminants

Caution

- ⚠ Avoid stacking **heavy items** on top of the mold to prevent deformation

Troubleshooting FAQ



Sticking Issues

-  **Ensure Complete Cooling**
Allow baked goods to cool completely before demolding. Warm silicone is more fragile and prone to sticking.
-  **Check Batter Thickness**
Thinner batters may require additional protection. Fill cavities to 80% capacity to allow for expansion.
-  **Light Greasing Helps**
For intricate designs, apply a light coat of butter or oil before use to improve release.



Stains & Odors

Baking Soda Soak Method:

- 1 Mix 1 part baking soda with 10 parts warm water
- 2 Soak mold for 30 minutes
- 3 Rinse thoroughly with clean water
- 4 For stubborn stains, repeat the process

 For persistent issues, clean with a soft sponge and mild dish soap.



Industrial Use

Non-Food Applications

While our molds are food-grade safe, we recommend dedicated use for industrial materials:

Concrete

 Gypsum

 Plaster

 Cross-contamination can occur between food-grade and industrial materials. For best results, dedicate a mold to industrial use only.



Need more support?



WhatsApp

+86 152 1779 1777



Email

custom@silicone-mold.com



Website

www.silicone-mold.com

We're here to help you get the most out of your silicone mold experience

 www.silicone-mold.com

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