

## Metal Mold Instructions

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Making candles can be messy, so the first thing we recommend is to cover your work area with newspapers or our own Wax Off!! When you are pouring the hot wax into the mold, place the mold on an old cookie sheet or pan so if spillage does occur, you can contain the spilled wax and reuse it. Always keep wax away from the sink to avoid drain problems. Assemble all your materials before starting.

**Materials:** Metal Mold  
 Wick  
 Wick Rod or Wick Bar  
 Wick Screw or Wick Plug  
 Mold Sealer  
 Wax  
 Color  
 Scent  
 Thermometer

### Wicking the Mold:

- 1) Insert the Wick in the bottom of the mold until it reaches the top of the mold and secure it at the top of the mold with a Wick Bar (**figure 1**). Remember that the top of your mold will become the bottom of your finished candle.
- 2) Pull the wick taut at the bottom of the mold where you first inserted the wick. Secure with the Wick Screw (**figure 2**).
- 3) Cut the wick about 1 inch away from the wick screw and wind the end around the head of the screw. Cover the wick and screw with mold sealer (about the size of a dime) and make sure none of the wick can be seen.



figure 1

### Melting the Wax:

Melt your wax in an aluminum melting pot. When your thermometer reaches 180°F, add your color and stir thoroughly. **Never leave melting wax unattended.** When the wax is 190°F to 200°F, remove from the heat, add your scent and stir. Slowly pour the wax into the mold (**figure 3**). Save the excess wax in your melting pot.



figure 2

### The Water Bath: (Not for seamless aluminum molds)

A water bath will give your candles a sleek, glossy look to them and speeds up the cooling process. After pouring the wax into the mold, let it sit for about 30 seconds. You will need to have a weight wrapped around the bottom of your mold. The water bath should be room temperature. Slowly lower the candle into the pail of water, being extremely careful to keep water out of the mold. Water in the mold will ruin the candle. Leave it in the water bath for 1-2 hours, then remove to finish cooling.



figure 3

### Re-pouring the Candles:

Approximately 30 minutes after you have filled your mold, you will notice a "well" forming in your candle. As wax cools, it shrinks, forming a well, or hole. You need to poke a short stick (wick rod, chopstick, etc.) around the wick 2 or 3 times (**figure 4**). Refill this cavity with the leftover wax, which has been reheated to 190°F. Be careful not to overfill the well. If you do, the wax will seep down between the mold and the edge of the candle. You may need to repeat this process again if another well forms.



figure 4

### Removing from the Mold:

Allow your candle to cool for several hours. Depending on the diameter of your candle, this could take up to 8 hours. When your candle has completely cooled, remove the mold sealer and wick screw, allowing the wick to hang free. Pull gently on the wick rod. Your candle should come right out. If not, tap your mold gently and squarely on a hard surface and try again.



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## Extras:

### *It's Stuck:*

If your candle does not come right out – don't panic. Place it in the refrigerator for about 30 minutes and try again. This should do the trick. If not, pour hot water over the mold – it might ruin the shiny finish on your candle. Never pry or beat on your mold – any indentation will result in your next candle sticking even more firmly, rendering your mold useless.

### *Finish Up:*

If your candle has a seam line, simply take a knife and, holding it out at a slight angle to the candle, slide it down the seam to remove it. To make the bottom even and smooth, heat up a pie tin or an old fry pan and rotate the candle on the hot surface. Trim your wick and enjoy!

### *Cleaning the Mold:*

Use a mold cleaning agent and a soft cloth to remove wax residue on the inside of your mold. For thick or stubborn wax you can place the mold upside down on a cooking sheet and put it in your oven at 170°F for no longer than 10 minutes to melt the wax off the mold. You can also use a hair dryer to melt the unwanted wax off your mold.

### *Alternatives:*

- Pouring Pot:** Metal coffee can (crimp the side to make a pouring spout)
- Wick Bar:** Metal rod, dowel, pencil, chop stick, etc. (tie the wick around rod to hold it in place)
- Wick Screw:** Wick Plugs can be used when pouring candles at a lower temperature  
Magnets can also replace wick screws and mold sealer

### *Hints:*

- Weights:** Flexible fishing weights will wrap around your mold when placing it in a water bath.
- Pour Cold:** Pour your wax at 160°F or cooler for a rustic look for your candles.
- Pour Hot:** Pouring your candle at 230°F will cause the color of your candle, when cooled, to have a "shaded" effect, with the color vibrant on top and fading to a lighter color on the bottom.

### *Contact Us:*

If you have a question or problem making your candle, please email [support@letitshineusa.com](mailto:support@letitshineusa.com) and we'll reply as soon as possible. For more ideas, hints, and candle making supplies, please visit our website at: [www.LetitShineUSA.com](http://www.LetitShineUSA.com) .