

“Tube-In” Casting Mold

Enclosed you will find your new casting mold. Your “Tube-In” casting mold is made from MOLD MAX 30 silicone rubber. Silicone properties can be viewed on the Smooth-On site (www.smooth-on.com). This mold can be used for any casting in which something is glued to the tube like Stamps or Labels. Search for PTownSubbie on You-Tube for a video tutorial on tips for using my molds.

DO NOT STORE YOUR STOPPERS INSERTED INTO THE MOLD HOLES FOR LONG PERIODS OF TIME. THIS WILL CAUSE STRETCHING OF THE HOLES AND RENDER YOUR MOLD UNUSABLE.

Your mold comes with 4 rubber stoppers that are used to hold the tube in position inside the mold. If you come across the need for additional stoppers, I have them. They are designed for a specific size. Do not just purchase a stopper of approximately the same size, it may not work as designed.

To install the tube, place one of the stoppers through one hole. Slide the tube onto the inserted stopper. Insert the final stopper from the opposite end and insert it into the tube. Ensure you use a fair amount of pressure to ensure the stoppers are fully seated into the tube to prevent resin leakage into the tubes. Do not place too much pressure or you may damage the stoppers. Once the stoppers are seated, hold the stoppers with your thumbs and place your index finger in the cavity and slightly pull out on the sides as you keep pressure on the stoppers. This will ensure the silicone flexing back out will not cause the stopper to unseat. You should see some stopper visible between the tube and mold end wall when installed properly.

Once your cast is cured, a slight wiggle of the stoppers should release them from the mold. Remove the stoppers and set them aside for use in future castings. Then the casting should be easily removed from the top of the mold. As stated earlier, the rubber stoppers are capable of being used for multiple casts.

Your mold is durable and pliable but some care must be taken when handling to minimize stresses to the mold corners. These are the areas that are most susceptible to tearing. Provided you are somewhat gentle and don't try to stretch this section too far, your mold will last a very long time.

I recommend the use of a release agent when using these molds. A Universal Mold Release or a product by the name of “Stoner” is a good product that works well with these molds. I do not recommend the use of any Epoxy Resin in these molds. It will severely shorten the mold life as it does not react well with this type of silicone. I do clean my mold prior to each casting by using DNA (Denatured Alcohol). You can use water but ensure all the water is removed from your mold and it is fully dry before you use it for casting.

These molds can also be preheated before use. I preheat my molds to 125-150 degrees. Be careful not to use a much higher temperature as I am not certain how high a temperature the silicone can take before breaking down. I also have post cured my poured blanks right in the mold. I mention again, make sure your temperature is not too high as I don't know how the silicone will react.

Please inspect your mold for any problems. If there are no problems, send me an email letting me know. If you are not satisfied with your mold, you have 7 days to return it for a full refund provided it has not been used. Sharp blanks or overstretching are a couple of ways to create tears in your mold. I cannot warranty these failures. I can, however, help with instructions on repair should this situation arise.

If you have any problems whatsoever or recommendations for improvement, don't hesitate to contact me using my information below.

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