Mounting Mold

一、Introduction

Silicone mounting molds are durable, flexible and suitable for almost all cold mounting systems. The specimen can be removed very easily after cooling and are available in a variety of shapes and sizes for high applicability.

The split-type mold can be easily and conveniently removed from the bottom, which overcomes the disadvantage of inconvenient operation at the bottom of the silicone mold when mounting some strange-shaped and small-sized samples. It can be quickly and easily demoulded when used with the EtaKit cold mounting separator.

The disposable mold is convenient for quick positioning of the specimen and is suitable for cold mounting.









二、Technical Parameter

Category	Scope Of Application	Specification
2-Part Mounting Cups	The bottom of the split-type mold can be separated, which is very convenient to take out the mounted samples. It is suitable for almost all cold mounting systems. It is recommended to use it with the EtaKit cold mounting separator.	ϕ25*20mm ϕ30*23mm ϕ32*25mm ϕ40*27mm
Silicone Mold	Solid and durable, widely used in acrylic resin, epoxy resin cold mounting, reusable, easy to demould the specimen.	ϕ20*18mm(Depth) ϕ25*18mm(Depth) ϕ30*18mm(Depth) ϕ40*25mm(Depth) 50*70*20mm(Rectangle) 180*106*30mm(Rectangle)
Teflon Mold	Made of Teflon, durable, high temperature resistant, oval bottom, easy to demould.	ϕ25mm ϕ30mm ϕ40mm
Disposable Cutting Mold	Quick positioning for cold placement.	24*20*10mm，Single cell 22*11*8mm，Single cell ϕ30mm，Round outside, square inside 20*20*12.3mm，Square outside, round inside 17*17*14.5mm，Square outside, round inside

三、Instructions

1. Split Mold/Teflon Mold

(1) Spray the slicing mold with release agent. Allow it to dry upside down to avoid collecting the release agent liquid on the bottom of the slicing mold.

(2) Mix the resin and hardener according to the instructions and fill the mold as much as possible. Leave about 2mm of space at the top.

(3) When the resin is cured, remove the base of the mold and push the cured sample out of the mold towards the cap section of the mold. It is more convenient to use with EtaKit cold mounting separator.

(4) Clean the mold with a wooden stick to avoid scratching the mold parts. Clean up any residue as it can cause a leak. In order to save time, it is best to apply the release agent liquid directly to the mold after cleaning, so that the mold can be used directly next time.

2. Silicone Mold

(1) Clean the inside of the silicone mold with wipe paper or other cleaning items.

(2) Place the silicone slicing mold squarely and carefully place the specimen into the bottom center of the silicone mold.

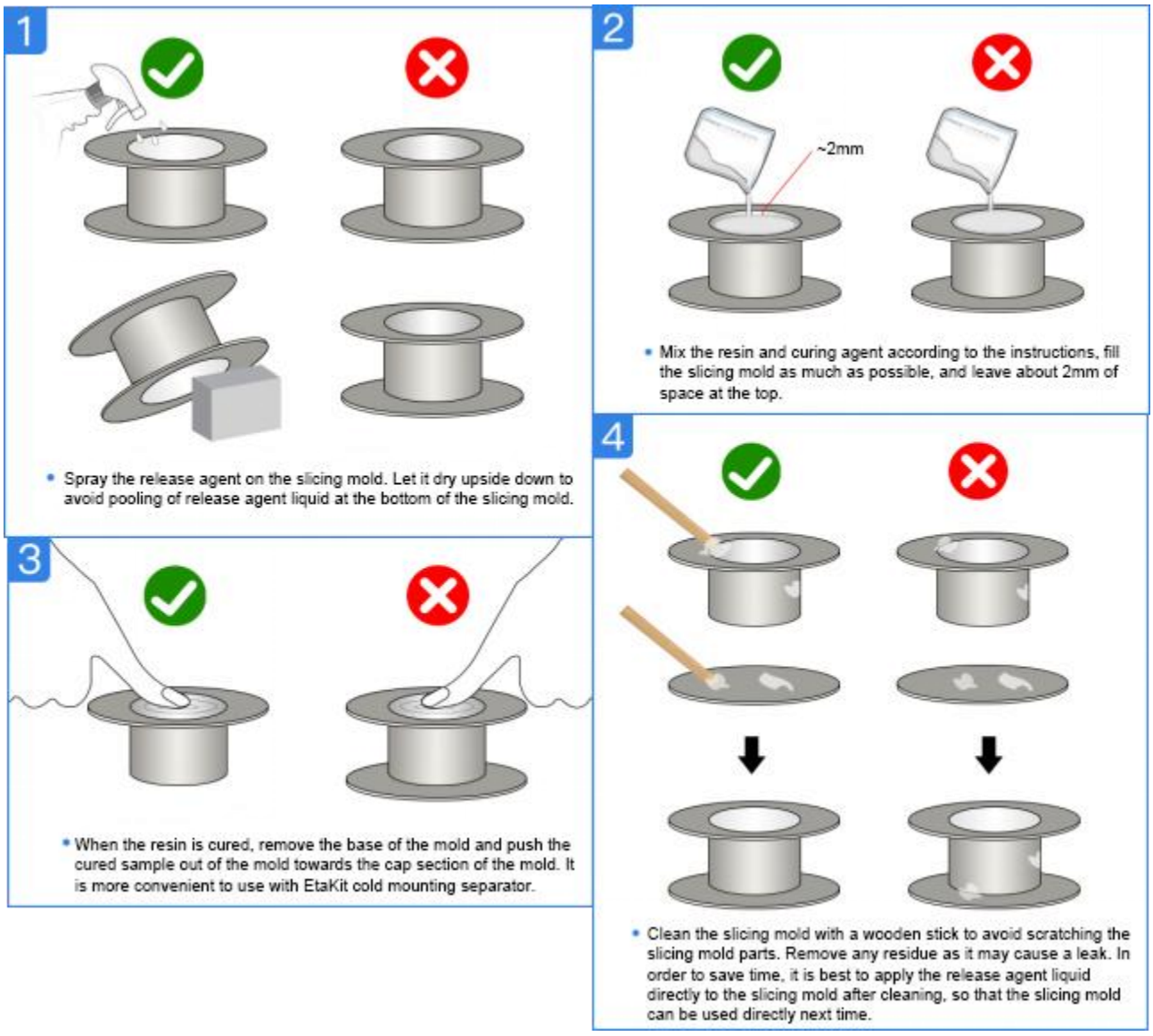
(3) Mix the resin and hardener according to the instructions and fill the mold as much as possible. Leave about 2mm of space at the top.

(4) After the sample is cured, the sample can be taken out by tearing along the edge of the silicone mold.

3. Disposable cutting mold

(1) Insert the cut sample into the slot of the disposable slicing mold.

(2) Mix the resin and hardener according to the instructions and fill the mold as much as possible.



四、Precautions

1. The split-type slicing mold must be sprayed with a release agent before use to prevent the sample from being difficult to remove. It is recommended to be used with the EtaKit cold mounting separator, which can easily remove the specimen without spraying the release agent.

2. During use, if it is found that the sample of the silicone slicing mold sticks to the inner wall of the slicing mold, the inner wall of the slicing mold becomes white and hard, and the hand feels rough, it is not suitable to use this slicing mold at this time.

五、Storage

Place the slicing mold in a cool and ventilated place, avoiding direct sunlight.