

Silicone hand copy set

Materials Needed Siliconesandmore.com

- Silicone transparent 15 Fast (550 gram set)
- Silicone paint (50 grams)
- Alginate 3D gel (500 grams)
- Mixing beaker (1900 ml and 1100)
- Mixing spatula
- Tongue depressor
- Apron

Set up:

- Silicone A transparent 15 Fast (550 gram set)
- Silicone dye
- Mixing cup (1900 ml and 1100)
- Alginate 3D gel
- blender
- Mixing spatula
- Scale
- Apron

Preparation:

We recommend that you read the entire manual before starting work. Make sure the sleeve of the hand to be molded rolled up. For this hand we use the fast silicone A transparent 15, because this transparent silicone can be colored easily and hardens quickly. To protect your clothes it is advisable to wear an apron. After mixing the alginate, you will have to work about 10 minutes non stop. Don't take a long break.

To the work:

1. First we prepare the silicone for use.

Take the 1100ml mixing cup and pour in the entire contents of the 500ml Grams of silicone A component empty (**Fig. 1**). Add 2.5 grams of silicone paint and stir until everything is one colour.

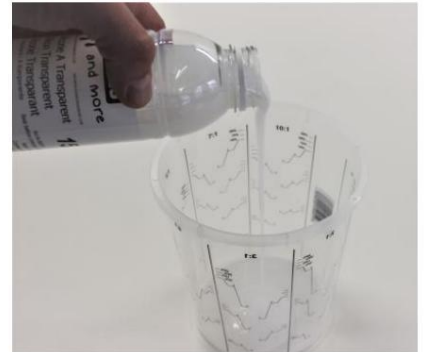


Fig. 1. Enter 500 grams of silicone

A component in the 1100 ml .
Measuring cup.



Fig. 2. We add the A component

0.5% dye added. (0.5%
of 500 grams are 2.5 grams)

- Now we shape the hand in the alginate:
Fill a 1900 ml blender beaker with 1400 ml of cold tap water and place it on a scale. Now weigh 470 grams of alginate on a scale.
Now sprinkle the weighed alginate powder all at once on the water and start mixing immediately. Blend the alginate for about 30 seconds until an even mass is formed. **(Fig. 3)** Do not mix for too long! Go to Step 3 continue!

Tip: For mixing alginate preferably use a (kitchen) blender and not a spatula. The blender is very easy to clean and alginate is completely non-toxic.

- When the alginate is sufficiently mixed, the hand can be dipped i/ submerged into the gel. Then shake briefly with your hand to release any air bubbles
Keep your hand steady in the correct position
until the 3D gel has turned from pink to white **(Fig. 4)**. When the alginate has turned white completely, the hand can be removed from the alginate. This takes about five minutes.

Note: Don't wait too long, start with step 4 immediately !!

- Pour the entire content of 50 grams of "Silicone A transparent B component fast" into the silicone mixture prepared in step 1 and mix. Do this quickly, thoroughly and vigorously. but not longer than about 40 seconds.
- The silicone can now be poured. Work fast! After +/- 3 minutes, the silicone is no longer ideal for pouring! It is strongly recommended to pour the silicone in a thin stream to allow any air bubbles to escape as it falls down. **(Fig. 5)**.
- Let it harden for about 30 minutes before taking it out
Remove the alginate from the silicone and rinse off the hand under the (warm) tap.
- We recommend baking the end result at 100°C for 2 to 3 hours after demoulding, to degas it completely.



Fig. 6: Sample final result.

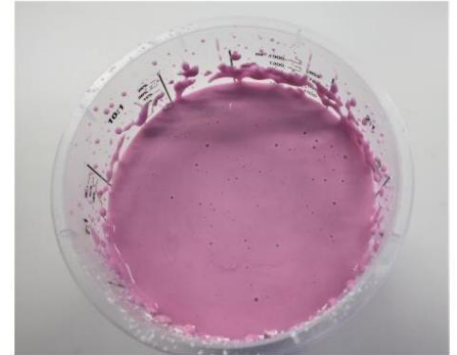


Fig. 3: 1400 ml. Water mixed with 470 Gram Alginate 3D Gel.



Fig. 4: The hand is in the correct Position still for 5 minutes held.



Fig. 5: The silicone is applied with a thin stream poured into the mold.

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Before use, read the safety information that you can find at www.siliconesandmore.com find