

Materials

- Ecoflex 00-10
- Ecoflex Gel
- Ecoflex Slacker
- Mixing cups and sticks
- Gloves
- 3D printed mold
- The use of a mold release agent is recommended for an easier removal of the molded adhesive.

Procedure

1. On a mixing cup, using the **Ecoflex Gel**, mix 1-part A and 1-part B with 20% (w/w) **Ecoflex Slacker**.
2. Mix the **Ecoflex Gel** and **Ecoflex Slacker** together (about 1 minute).
3. Apply a coating of a mold release agent to the 3D printed mold.
4. Make a mark on the mold that represents a depth of 1mm, and pour the Ecoflex Gel and Slacker mixture into the molds up to the 1mm mark.
5. Let cure for 2 hours.
6. Now make the mixture for the second layer of Ecoflex 00-30. On a mixing cup, pour 1 part A and 1-part B of **Ecoflex 00-10** together and stir well (about 1 minute).
7. Mark the desired thickness for the Ecoflex 00-10 layer on the mold (1mm is sufficient for good adhesion).
8. Pour 1 part A and 1-part B of **Ecoflex 00-10** together and stir well (about 1 minute)
9. Pour the **Ecoflex 00-10** mixture into the molds up to the mark.
10. Let cure for 4 hours at room temperature.
11. Carefully remove the molded adhesive and the module.