

Forming Guide

Options for forming your designs:

- Found forms- things like bowls, cake pans, sand castle toys, candy molds
- Custom forms- 3D printed designs or small thermoformed trays
- Grow.bio forms- we offer a variety of growth forms on our webstore

Materials that ARE porous:

- Wood
- Clay
- Plaster
- Cardboard

Materials that AREN'T porous:

- Wax
- Silicone
- Epoxy
- Plastic

Other tips and tricks:

- Use draft angles of 3 degrees and chamfered edges. [Learn more here](#)
- No negative drafts or undercuts
- Avoid features smaller than 1/4" wide or tall for structural and resolution reasons
- Plastic wrap is a great liner for porous materials and can help eject your part
- For more complex shapes, use multi-part growth forms
- Sculpt the material like clay by adding 1 tablespoon psyllium husk powder to 4 tablespoons water in Step 1.

What makes a good form?

- It's waterproof
- It's non-porous
- It's smooth
- It gives the desired resolution
- It can eject your part easily
- It can be reused

Order your forms
from Grow.bio:

<https://grow.bio/collections/shop>