



Mayku Formbox Vacuum Former

What can it do?

The Formbox allows you to quickly make molds and forms with plastic sheets. Pre-cut sheets in clear and white are available on Amazon and the Mayku website.

Here are some examples of projects the Formbox has been used for:

- Making chocolate molds
- Creating a smartphone hologram projector
- Custom packaging
- Making costume masks

What should you know?

Here is a list of skills that you should familiarize yourself with to get the most out of Formbox

- Design considerations for creating templates (Undercuts, draft angles, and air holes)
- This machine uses pre-cut plastic sheets
- Templates can be 3D printed for use with the Formbox
- Know the difference between the types of plastic sheeting used for vacuum forming

What's next?

We, at Do Space, want to light your creative fires. That is why we have provided the hardware, the software, the lab space, the instructional classes and the human resources for you to keep stroking that creative fire. To book the Formbox for use please visit our website at www.dospace.org and click on **Technology > Tech Reservations**.

Where to find materials?

The Mayku FormBox works best with thermoplastic sheets of 0.25 - 1.5mm in thickness and the bed is 9 ¼" x 9 ¼". Here are the technical terms:

PETg (Commonly found in: Food safe molds)

HIPS (Commonly found in: Disposable cups)

ABS (The stuff lego is made from)

Polystyrene (Commonly found in: Product packaging)

Polypropylene (Great for use as a mould for resin casting)

Polycarbonate (Commonly found in: Drinks bottles)

Polyethylene (Commonly found in: Sheet and foamed sheet)

Acrylic PMMA (Commonly found in: Light up signs)

Online

- <https://www.mayku.me/store>
Carries pre-cut materials for the Formbox
- Amazon
Carries Formbox brand sheets along with other thermoplastics