HAPPYSHIELD

Laser-Cut

https://happyshield.github.io

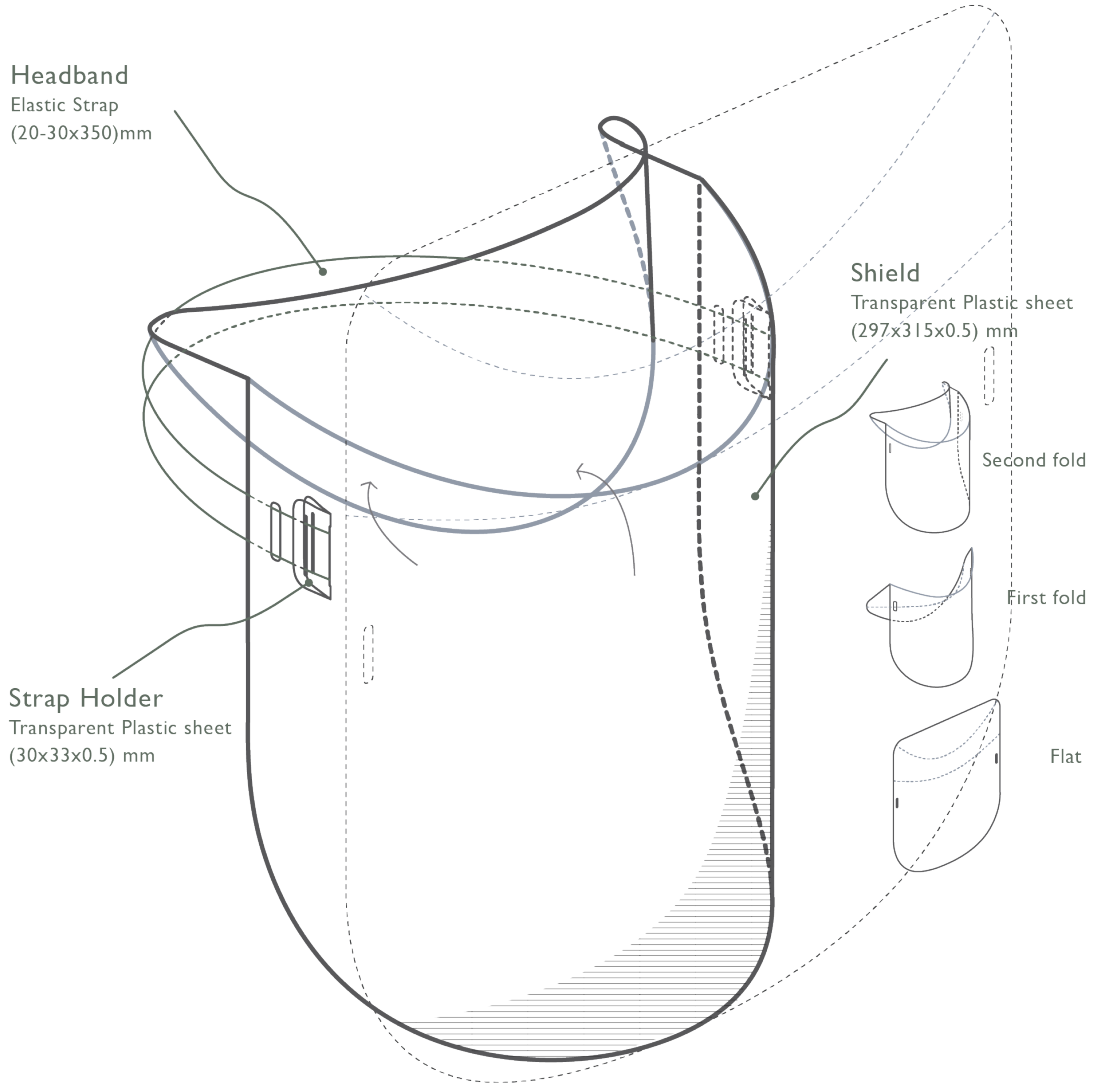
This document is current as of 2020 04 07 13:00. Please refer to the latest version of the documentation at happyshield.github.io.

Materials:

- 0.5 mm thick Polyethylene terephthalate (PET) or Acetate sheet at least
- 20 mm wide knit elastic strap (70% polyester 30% rubber)

Tools:

- Laser-cutter
- Scissors or razor blade



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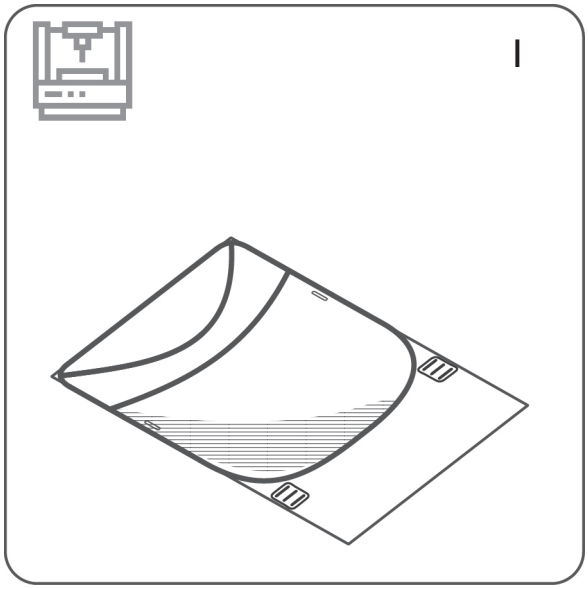
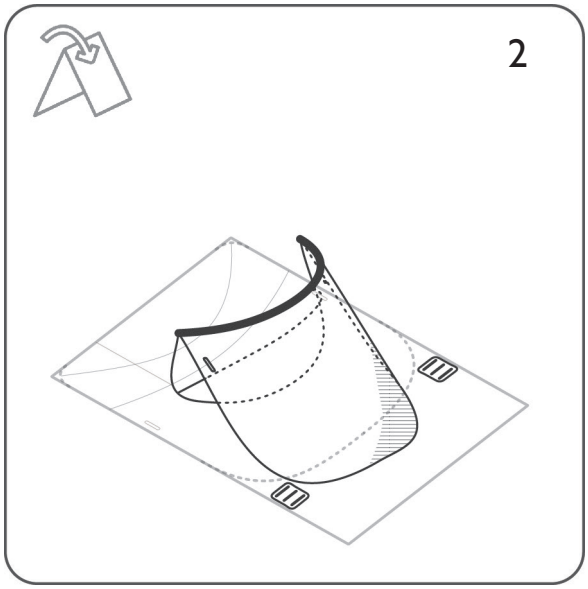
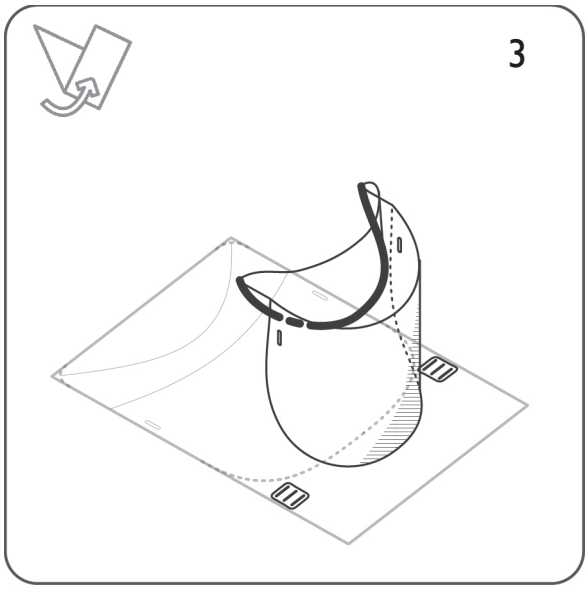


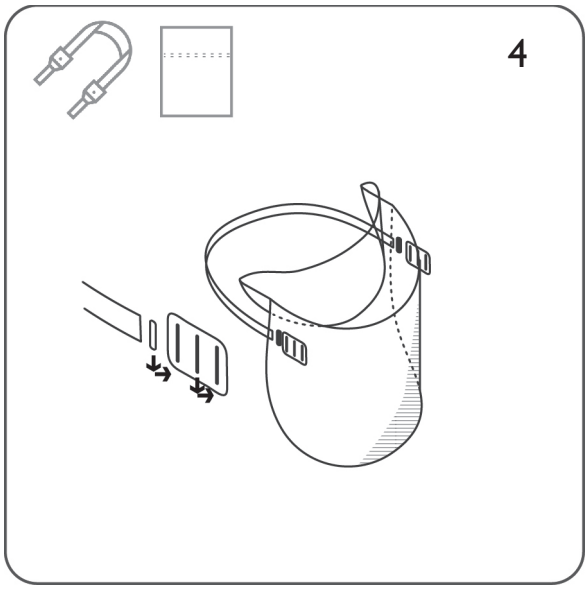
Laser-cut the clear plastic sheet material using the template file, ensuring that your laser-cutter power and speed settings ensure a cut completely through the depth of the material.



Starting on end of one of the crease curves, and working your way to the other end of the curve, gently pinch the sheet to fold it along the curve.



Fold the second curve using the same procedure as in Step 2.



Thread the strap through the friction clips. Pass the friction clips through the holes in the shield from the back side of the shield to the front.