

Reflectagons



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Summary

Modular reflector panels for bags, bikes, and anything else!

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What is this?

Modular reflective hexagons that are perfect for attaching to backpacks, bikes, or anything else! The flexible connectors allow the reflectors to conform to the shape of fabric, which makes them perfect for adding to your backpack for extra visibility when you're on the move.

Required Components


- Reflector tape
- Superglue


Instructions


1. Print Panel components.
2. Print Connector components.
 - Connector_Flexible will allow your reflectors to be flexible but will leave a large gap between panels.


- Connector_Short will allow your reflectors to have no gap between panels but will be solid and not flexible.
3. Print Loop components.
 - Loop_Small is recommended if you're sewing the reflectors to fabric.
 - Loop_Large is recommended if you're using zip-ties to attach reflectors.
 - If you're glueing or taping the reflectors to a surface - no loop components are required.
 4. Attach reflector tape to the smooth side of all the panel components.
 5. Using superglue, attach the panel pieces together using the connector components. The connectors should fit snugly into the cutouts on the panel components.
 6. Keep connecting panels to make any shape you want!


Model files

 **Panels** 2 files

**panel_hexagon.stl**

**panel_diamond.stl**

 **Connectors** 2 files

**connector_flexible.stl**
☐ Use this if you want flexible reflectors (e.g. for a backpack)



connector_short.stl

☐ Use this if you want solid reflectors (e.g. for a bike wheel)



Loops

2 files



loop_small.stl

☐ Good for sewing



loop_large.stl

☐ Good for zip-ties

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