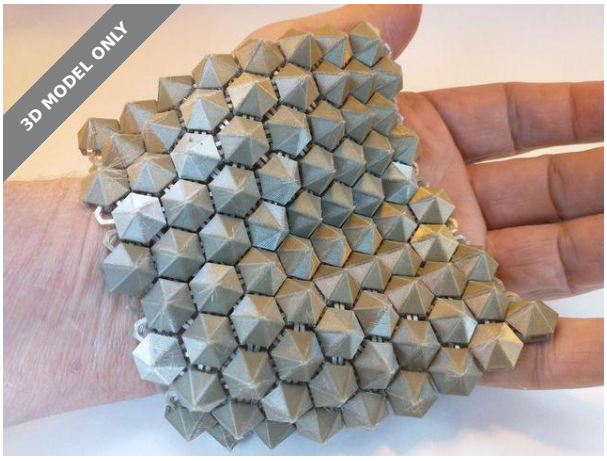


# Spiky HexMaille Fabric

LoboCNC

VIEW IN BROWSER

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## Summary

A little more aggressive than my original HexMaille!

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Tags: chainmail chainmaille

This is a spiky version of my Fast Print Hexmaille Fabric, for a little more aggressive look!

This was originally inspired by TurboDork's NASA Fabric, which used identical interlocking pieces. This design, however, uses hexagonal tiles and separate interlocking rings. The rings are printed right on top of the tiles - kind of like removable supports. They have minimal contact with the surface below, so they are very easy to break free. I've included an 8x10 grid of tiles as well as a single tile and ring for inspection.

**Printing**
The layer height needs to be exactly 0.2mm for the clearances to work out correctly. If using PrusaSlicer, you should set the line width for perimeters to 0.45mm for most efficient printing. I used PLA with the 0.2mm layer thickness “speed” profile, but I was able to bump up the all the perimeter speeds 60mm/s.

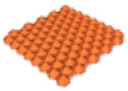
**Post Printing**
After printing, the rings are still attached to the lower surface of the tiles,

but only minimally so. By giving the fabrics a good wiggle, you should be able to break all the rings free.

## This remix is based on

**Fast Print HexMaille Fabric**
by LoboCNC

## Model files



**hexmail-spiky-8x10.stl**

**hexmail-spiky-1x.stl**

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