

GELATINE-BASED

# FLEXIBLE BIOFOIL



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GELATINE-BASED

RENEWABLE - (COMPOSTABLE)  
REUSABLE



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### INGREDIENTS & TOOLS:

- Gelatine powder - 24 g
- Glycerine - 18 g
- Water - 200 ml/g

Tools: stove, pot, spoon, large acrylic sheet for casting, scale

### THIS IS A VARIATION ON:

Biofoil (gelatine) by Cecilia Raspanti, and gelatine based plastic by Margaret Dunne.

Higher ratio of glycerine for flexibility

### MAKING PROCEDURE:

- Measure the ingredients
- Bring water to the boil, add glycerine and gelatine. Stir slowly to dissolve
- Simmer at 80 degrees, stirring slowly(!) until thickened
- Cast slowly onto acrylic sheet
- Let dry for at least 3 days (ideally a week) before releasing
- Smells disappears after a while

Not suitable for home composting due to animal-based gelatine. Reuse by melting and recasting.