

ALGAE-BASED

# AGAR FOIL



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## AGAR FOIL

ALGAE - BASED

RENEWABLE - VEGAN  
COMPOSTABLE - REUSABLE



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### INGREDIENTS & TOOLS:

- Agar powder - 5 g
- Glycerine - 20 g
- Water - 250 ml/g

Tools: scale, stove, pot, spoon,  
walled mould (or acrylic sheet for a  
thinner foil), baking paper, iron.

### THIS IS A VARIATION ON:

Flexible biofoil by Cecilia Raspanti

More glycerine added. Created a  
bag by heatsealing to layers to-  
gether with baking paper and an  
iron. Longer cooking time reduces  
drying time

### MAKING PROCEDURE:

- Bring water to the boil, add  
agar and glycerine
- Stir continuously for 40 mins at  
60-80 degrees until syrupy
- Cast into mould
- Dry in well-ventilated space for  
at least 3 days before releasing  
from mould (leave it longer if  
you can).
- Will shrink 40-60% in thickness  
but much less in width/length
- Cut two rectangles. Iron the ed-  
ges together (put baking paper  
in between to separate center).

Agar can be re-used by remelting  
and recasting. Suitable for home  
composting.