MEDNET

Model Exchange & Development of Nursing & Engineering Technologies

Pocket Mask Clip

MEDNET File: Clip_Single.stl

Clip_Double.stl

Description

3D printed clips to attach your face mask to your pocket, when not in use.

Features

There are two clip designs that allow you to choose how the mask is attached to your pocket. One has two clips, one for your pocket and one for your facemask. The other design has one clip that holds both your facemask and your pocket.

Development Information

Materials needed: PLA filament
Finished dimensions: 46mm x 13mm x 6mm (single) and 46mm x 21mm x 6mm (double)
PLA filament ≈ 0.0022 of a roll (single) and 0.0035 of a roll (double)
Production time ≈ 13 - 21 minutes (depending on the model you choose)
Approximate materials cost: $0.10

Instructions for Use

Note that if you are printing in imperial, some printers may require the model to be upscaled 2510% to match the metric units. After the model is printed, you can attach it to your pocket, so when you are not using your mask you may attach it to the clip.

Material Procurement Information

Filament: Hatchbox Filament 1.75mm - $22.99/roll (prices vary per color)

https://www.amazon.com/HATCHBOX-3D-Filament-Dimensional-Accuracy/dp/B00J0ECR5I/ref=sr_1_4?crid=2GJUX43SIM4TP&dchild=1&keywords=pla+filament+1.75mm&qid=1590077168&sprefix=pla+filament%2Caps%2C178&sr=8-4

*citations: Forkum, L. Pocket Mask Clip. MED-NET. Retrieved from uahmednet.org.