

## Cable housing frame protector

 aiber

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### Summary

TPU piece to reduce cable housing rubbing & marring on frame/fork paint

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[fork](#) [shift](#)

- measured shift cable housing OD: 4.20 mm
- measured brake cable housing OD: 5.00 mm

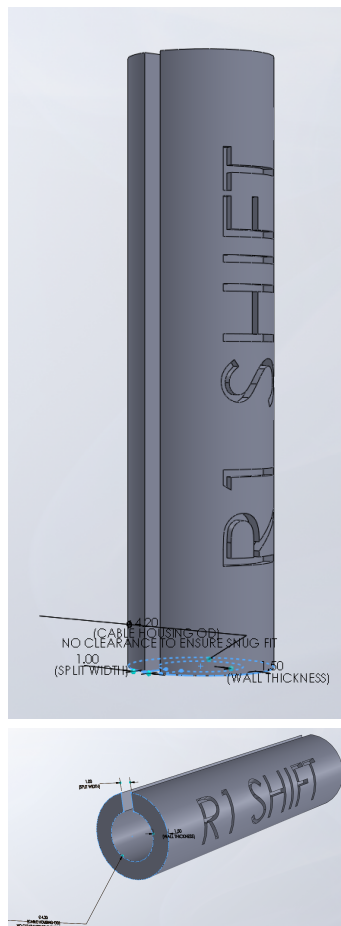
### Rev 1

- 0 internal clearance to ensure tight fit
- 30 mm length
- 1 mm split width
- each configuration is labeled with revision & cable housing type

### Print parameters

- printing out of TPU

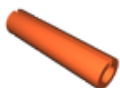
- slicer settings – see the attached 3MF file, here are some of the major changes I had to make to get the print to work
  - needed to reduce all print speeds to 1 mm/s to give layers sufficient time to cool & solidify
  - brim not necessary – TPU is very sticky to the textured sheet (ignore what Prusa Slicer says about not enough adhesion)
  - enable Lift Z with 0.2 mm
  - cooling always on



## Model files



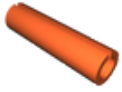
**frame-protector-cable-housing\_1\_v-shift-1-mm-per-se... .3mf**



**frame-protector-cable-housing\_1\_v-shift.stl**



**frame-protector-cable-housing.sldprt**



**frame-protector-cable-housing-brake\_r1.stl**

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