



All-in-One Sup CUP (NC edition)



Functional Models

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Summary

A stand-up paddleboard accessory that can hold your drink, phone, and sunglasses, all at once (non-commercial edition)

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[coozie](#) [beverage](#) [drinkholder](#) [sup](#) [insulator](#) [paddleboard](#)
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Note: You can access the parametrized design files, request custom dimensions, and obtain a commercial license for all my models by [subscribing to my Patreon](#)

If you want this but don't have a printer, you can also get it from my etsy shop!

<https://www.etsy.com/ca/listing/4350886527/all-in-one-sup-cup-stand-up-paddleboard>

What is it?

A stand-up paddleboard accessory that can hold your drink, phone, and sunglasses, all at once.

How is it different?

1. Compatible with cans, bottles, and coozies

- Use the 'Can Insert' for standard and tallboy beverage cans
- Use the 'Bottle insert' for standard longneck bottles and 'sleek' cans (e.g. 12oz Whiteclaws)
- Remove the insert for beverage coozies such as the YETI Rambler, High Sierra can cooler, and Brumate Hopsulator Trio

2. Secure Phone holder

- Unlike other SUP Cup designs, this one allows you to secure the phone in place with an elastic band or hair elastic.
- For extra security, the phone holder is wide enough to support a waterproof phone sleeve as well.
- Fits *most* phones and cases (105mm x 15mm)

3. Sunglasses clip

- Sunglasses/glasses clip included - secure your shades and dive in! 😊

Printing Guidelines

- PETG recommended temperature & UV resistance.

SUP CUP

- Supports: Tree - auto
- Layer Height: 0.20mm+
- Infill: 10%, or higher for more strength
- Be careful when removing the supports from the elastic band tie-down hook

Inserts

- Supports: None
Layer Height: 0.22mm+
- Infill: 5%, or higher for more strength/insulation
- Print with the base of the insert on the build plate

Improvements

- Reduced filament usage by 20%
- Widened phone holder to support waterproof phone sleeves

- Widened tie-down bridge to support lanyards
- Added nubs to make it easier to lift the insert out of the cup
- Widened bungee slot to support two cables for more stability
- Improved aesthetics and simplified design
- Improved condensation drainage system where can sits
- Improved printability and strength of elastic band hook
- Modified inserts to make them printable without supports
- Strengthened sunglasses clip

Small update: I removed the extrusion from the Can and Bottle inserts. It was annoying to reorient the insert before putting it back in. This change isn't reflected in the images.

Model files



bottle_insert.stl



sup_cup.3mf



can_insert.stl



supcup.stl

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