**Recently updated to improve printability and a version for XL Scrubbers!**

Inspired by a similar creation from US-based cave explorer Jason Richards, this insert was developed to solve the top of the canister falling to the bottom and becoming stuck or forgotten during transport and/or storage. By using this insert in the Divesoft Liberty Short or XL Scrubber Filters you can fully assemble things as if there was CO2 absorbent material inside. It functionally eliminates the rattling of loose parts during transport.

Warning! This insert, or any similar creation of your own, must be removed prior to adding absorbent material. Improper use of this device, or one like it, would have fatal consequences.

Divesoft utilized the settings below to generate this component. Final results will vary based on your individual 3D printer, material, and settings. These are only a guide.

**Material:** PETG-HF

**First Layer Height:** 0.24mm

**Layer Height:** 0.16mm

**Walls:** 3

**Infill Percentage:** 15%

**Infill Pattern:** Gyroid

**Top Surface Pattern:** Concentric

**Bottom Surface Pattern:** Concentric

**Supports:** No

**Support Type:** N/A

**Brim/Ears:** Yes, Brim both Inner & Outer

**Base Plate:** PEI Textured

**Print Orientation:** Flat Surfaces down

**Estimated Print Time using Bambu Slicer:** 5hrs 10min (Short), 6hrs 49min (XL)

**Estimated Print Time using Prusa Slicer:**

**Total Estimated Material Used (g):** 239g (Short), 317g (XL)

**Maximum Exterior Dimensions (LxWxH):** 148mm (5.83in) Diameter x 175mm (Short) and 240mm (XL) Tall

**Additional Required Parts:** N/A

**Multiple Pieces, Requiring Adhesive Assembly:** N/A

**Heat Press Threaded Inserts:** No