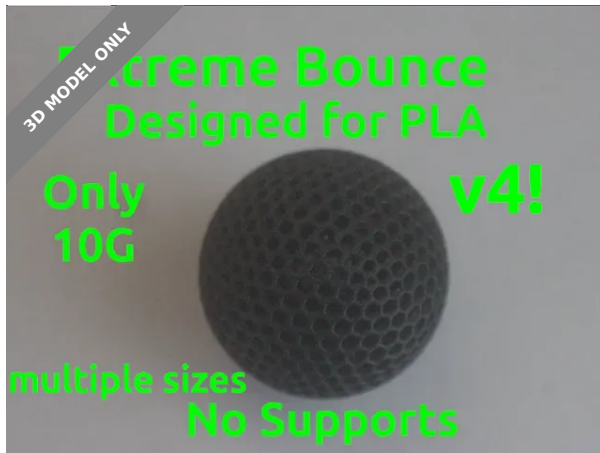




The Ultimate High Preformance Airless ball (No Supports!)



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[VIEW IN BROWSER](#)

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Summary

A high performance airless ball desinged for PLA/PETG to bounce as high as possible (no supports)

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this is a high preformance ball i specifically designed to bounce as well as possible without the need for supports and that works well with basic cheap and easy to print materials such as PLA works better for PETG. The PETG i recommend for airless balls is the **creality CR-PETG** since it has excelent energy return unlike any other PETG i've tried, and is very affordable. I would definetly recommend using this filament if you want to get maximum bounce. For bed slingers i recommend printing at 50-60mm/s and for corexy 70-90 mm/s. If you find the V3 version to be to fragile, print the V1 as it has a higher wall thickness but slightly less bounce.

Scale

i have designed this model to be scaleable so if you cant find the specific size you want, simply scale it in your slicer

Print cleanup

if your ball has any unwanted burrs, or a bad surface finish on the bottom, simply use a file or sandpaper to sand it smooth. Then, using a small lighter carefully soften the surface where you filed it to restore the original color. This step is optional but should be done outside as melting plastic can emit harmful fumes.

Model files



V4

2 files



airless-ball-v4-small-stronger.stl

☐ Ping pong ball sized



airless-ball-v4-large-stronger.stl

☐ Slightly larger than a tennis ball



V3

2 files



airless-ball-small-v3.stl

☐ Ping pong ball sized



airless-ball-large-v3.stl

☐ Slightly larger than a tennis ball



V1

2 files



airless-ball-small-v1.stl

☐ Ping pong ball sized



airless-ball-large-v1.stl

☐ Slightly larger than a tennis ball



airless-golf-ball-42mm-v4-stronger.stl

☐ Golf ball size

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