



Airless Basketball Gen 10



PartyLime

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Summary

Airless Basketball generation 10

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Tags: [hexagon](#) [ball](#) [sport](#) [lattice](#) [airless](#) [nba](#)
[basketball](#) [airlessbasketball](#)

GEN 10: I have adjusted the size of the hex holes and increased the filled on them. I've also increased the lattice thickness to 8mm to hopefully increase bounce. The logo on the top and the airless gen 10 tag have also increased in size a little to improve how they look. Lastly, the holes around the seam are now pentagons as in the original ball

I wasn't satisfied with the current models of the airless basketball on here as they only had a single lattice. This took me days make sure the double lattice worked in CAD - SolidWorks was not built for this! As I don't have \$2,500 to spare, I worked from the images available online.

I printed it in TPU. It doesn't bounce as much as a standard basketball in TPU so I suggest a stiffer material.

UPDATE: I printed it in Overture super PLA+ and it looks great and does bounce but it's way too hard. I think it will break if bounced from a normal height. I'll try a hard TPU this week

Model files



airless-10.stl

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