



Paracord Spool

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updated 23. 10. 2022 | published 23. 10. 2022

Summary

Spool for lengths of Paracord.

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Tags: [550](#) [paracord](#) [rack](#) [spool](#)

2022/10/23 Update: Added prototype versions for 150ft, 200ft, and 250ft lengths of paracord. I have not yet tested them.

2021/04/28 Update: I have adapted the Yarn Spooler to work with these spools: <https://www.thingiverse.com/thing:4843173>

This spool was designed for organizing and dispensing a selection of 550 Paracord. I have multiple colors for various projects, but was never able to find a spool that met my needs. This was designed for mounting on my workbench, but the spool should be sturdy enough for carrying in a pack as well.

Both spool halves thread together without additional hardware. There are two variants, made to fit either 50ft or 100ft hanks of paracord.

A 12mm hole through the center allows the spool to be placed on a rod. A dowel can be used, but a threaded 3/8in rod paired with nuts and the included spacers work very well to keep multiple spools in place.

The spool itself measures 125mm (4.91 inches) in diameter, with the 50ft spool measuring about 30mm wide and the 100ft spool measuring about 42mm wide. The inner edge of the wall features two 4.5mm holes and two 5.5mm holes, each pair slanted in opposite directions for ease of starting the winding in either direction. The outer edge features four opposing pairs of slots, or alternately a 4.5mm hole, for securing the cord end.

Print the female side, and either the 50ft or 100ft male side. I used PLA, 15% infill. If your bridging/overhanging isn't great, you may need supports for the threads: I've included a test file so you can try printing only the threaded portion. Otherwise, no supports are needed.

Print Settings

Rafts: No

Supports: Probably

Resolution: 200

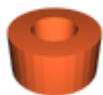
Infill: 15

Filament: PLA

Model files



spacer_10mm-wide_with_12mm_hole.stl



spacer_10mm-wide_with_10mm_hole.stl



paracord_spool_female.stl



paracord_spool_male_100ft.stl

paracord_spool_male_50ft.stl



test_print_threads_male.stl



test_print_threads_female.stl



paracord-spool-male-250ft-prototype-v1.stl



paracord-spool-male-150ft-prototype-v1.stl



paracord-spool-male-200ft-prototype-v1.stl



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