

## PLA Filament for 3D Printers - 1.75mm Diameter - Red- 1KG

PRODUCT ID: 2450

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PLA Filament - 1.75mm 1.0kg - Red

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DESCRIPTION

TECHNICAL DETAILS

## DESCRIPTION

Having a 3D printer without filament is sort of like having a regular printer without paper or ink. And while a lot of printers come with some filament there's a good chance you've been printing up a storm and need something new. That's why we've started carrying a complete line of 3D printing filament in a variety of colors!

This **PLA 1.75mm Red 1Kg spool** is a great basic material for 3D printers. 1.75MM diameter, PLA filament works best with [PrintnBot Simples](#).

It's always a good idea to check what diameter and filament type your printers can handle before purchasing!

PLA is bioplastic so its made from renewable natural resources. It's biodegradable in commerical compost facilities so you can feel good and green about whatever you're printing. There's less warping when printing with PLA and it works best when extruded between 160°C and 220°C.

[For those of you who want more information on the different types of 3D printing material, there's a great tutorial on our Learn System!](#)

Why this filament over all the other options? We sampled filaments from dozens of trusted 3D filament suppliers and tested them on our fleet of 3D printers. Several options worked well enough, but we found that Printlnz's range of plastics were the most consistently reliable in terms of printing and spooling, and we have switched to using Printlnz filament to print all of the Adafruit weekly projects. The materials they offer are high-grade and rarely clog!

The raw material used to produce the Ultimachine PLA filament are Natureworks PLA4043D

Ingeo resins, created from corn grown in the United States. The pigments used in these filaments are also bio-friendly and formulated specifically to suit PLA.

## TECHNICAL DETAILS

- 1.75mm thickness of filament
- 1 kg / 2.2 lbs of filament



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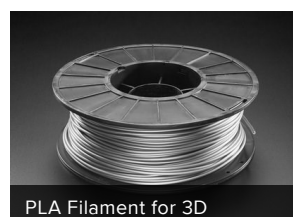
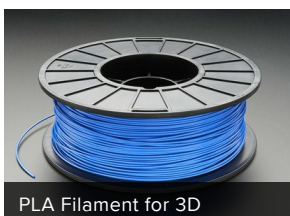
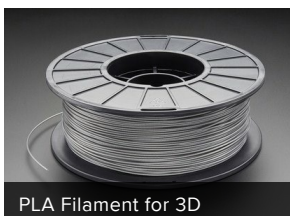
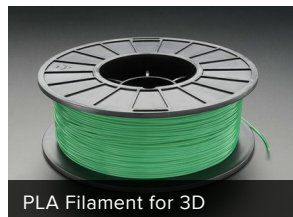
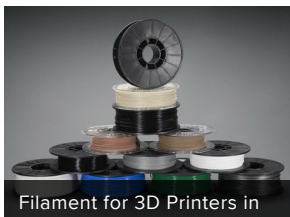


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