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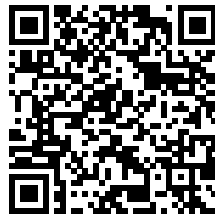
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How to use Prusament Refill 900g



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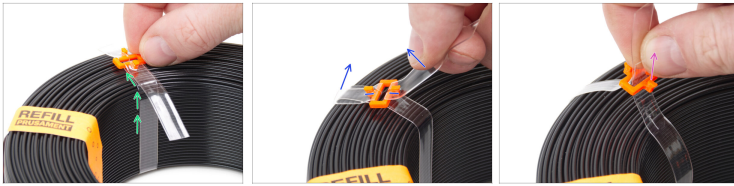


STEP 1 Introduction



- In this guide, we will reload a **Prusament spool** using a filament **Refill**.
- This guide is valid only for the new Prusament spool, with the **plastic center part**.
- 📌 Requires a **900g version** of the Prusament Refill.
- Since March 2026, new Refill spools are secured with a **rubber band**.
- Older stock may still use a **paper strap**.
- This guide does not cover the older Prusament spool with the cardboard center.
 - ⚠️ The older design used a 1000g (1kg) version of the Refill. This refill is not compatible with the newer spool design!

STEP 2 Removing the rubber bands



If your Refill spool is **secured with rubber bands**, follow these steps to remove them.



Slide all three buckles from the inner part of the spool to the side for easier handling. Move the entire rubber band, not just the buckles.



Unhook both ends of the rubber band from the tabs to release it.



Remove the clips from the rubber band.



You won't need the bands anymore.

STEP 3 Prusament Spool Opener: Parts preparation

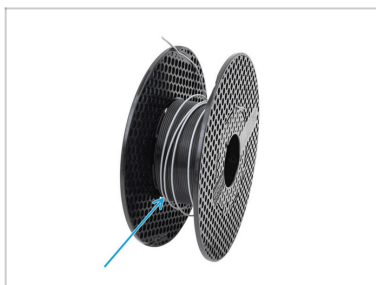


● **For the following steps, please print:**

- Prusament Spool Opener (1x) *This part needs to be printed.*

① All necessary print files and instructions are available on printables.com.

STEP 4 Spool Preparation



- Prepare a depleted Prusament spool with the plastic center part.
- Remove any leftover filament.

STEP 5 Tool Insertion



- ✦ Align the rectangular tab on the tool with the notch in the center of the spool.
- ⓘ The Prusament spool opener can be used **on both sides** of the spool.
- ✦ Fully insert the end of the Prusament spool opener at an angle, into the spool center.
 - ✦ Even the rectangular tab has to be inserted below the surface of the spool side.
- ✦ Push the lever part of the Prusament spool opener onto the spool.
 - ✦ This should engage the tab into the notch.

STEP 6 Tool Engagement



- Reach to the inside and pull the inner part of the tool up.
- Lift the end of the tool until it clicks into place.
 - ⚠ You may need to apply moderate force to accomplish this.
- Once the tool is fully engaged, the area of the spool side around the tab should bulge out slightly.
 - ⓘ This is important because it releases the internal lock.

STEP 7 Spool Disassembly



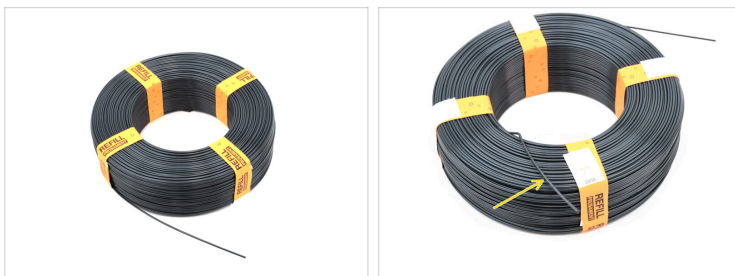
- Grip the disassembly tool and rotate it counterclockwise to unlock the spool side from the center.



Righty tighty, lefty loosey!

- Remove the top side from the spool.

STEP 8 Refill Preparation



- Prepare the filament refill.
- Locate the side with the inner end of the filament.

STEP 9 Refill



- ❖ Locate the inner filament end opening with the inclined groove.
- ❖ Insert the inner filament end into the dedicated opening.
- ❖ Slide the Refill onto the spool center until it is fully aligned.

STEP 10 Spool Assembly



- ❖ Attach the side part onto the spool and rotate it clockwise, until it clicks into place.
- ❖ Hook the inner end of the filament into one of the openings in the spool.

STEP 11 Finish



- ✦ Carefully cut off the exposed parts of the transport straps.
- ⚠ Hold the filament end, while removing the transport straps, to prevent tangling.
- ✦ Hook the filament end onto the spool side to prevent tangling when it is not loaded into the printer.

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