



eSUN Cleaning Filament

from: Quip Print a Division of Quip Systems, LLC

The eSUN cleaning filament is sold as a 1.75mm, 0.1kg bundle that is vacuum sealed with desiccant. It is a semitransparent, whitish filament used to clean the interior of 3D printer nozzles of accumulated filament deposits left during printing. The filament SHOULD NOT be used to print items due to the different compound used versus a printing filament. Cleaning filament does have a minimal adhesion quality that “grabs” stuck deposits that tend to buildup in the nozzle. One of the benefits of cleaning filament is that it can operate from the coolest printing temperature around 150°C up to some of the highest temperatures of 260°C.

1. Preparation:

- a. Open the cleaning filament and find the end.
- b. Determine the current filament, or last filament, in use and set the nozzle temperature to equal a normal print with that filament.

2. Instructions

eSUN cleaning filament can be used both before and after printing. It is recommended to clean the nozzle before switch filament brands or switching do a new filament type.

- a. Unload the existing filament
- b. Load the cleaning filament.
- c. Incrementally feed the extruder until all the previous filament has exited the nozzle tip.
- d. At this point reverse the extruder, similar to that of unloading the filament until the cleaning filament is free from the extruder body.
- e. Carefully examine the section of removed cleaning filament and take note of any colored “specs” from the preceding filament.