



HIGHEST RATED FILAMENT ON AMAZON
60-DAY MONEY BACK GUARANTEE

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Description:

A blended-density cleaning filament used for the removal of the inevitable detritus and residue build-up left in the filament path when printing using FFF/FDM method of plastic deposition.

Applications:

Perfect for periodic general filament path cleaning - from the cold-end to the nozzle tip. rigid.ink Floss™ excels at removing partial clogs of nozzles and hotends. Use as a transitional filament when moving from a high to low, or low to high, temperature range filaments. Floss™ can save you much of the primary filament normally wasted when flushing out the filament path after switching from high-temperature composites such as Carbonyte or Nylon 12 Plus to filaments that are printed at lower temperatures.

Recommended Print Settings:

Printing Temps 1.75mm	200-280°C
Printing Temps 2.85mm	205-280°C
Heated Bed Temp	N/A
Cooling Fans	None
Extrusion Multiplier	Run a Filament Load Cycle to use (100%/x1.0 or greater)

General Advice:

When going from a high temperature-range filament to a lower range filament – Floss™ should be used as a transition material for removing the solidified remnants of high temperature plastic from the filament path and to stop it blocking the path of the new lower temperature plastic.

When going from a low temperature-range filament to a higher range filament –

Floss™ should be used as a transition material for removing the remnants of the previously low temperature plastic from the filament path. This stops the old filament from burning and solidifying into a blockage.

We suggest using approximately 0.5m-1m (on 1.75mm machines) or around 0.3m (on 3mm and 2.85mm machines) of Floss™ each time you change material in your printer. Although often just 10cm will clear everything out that it needs to.

Material Properties:

Physical Properties ⁽¹⁾	Value
Density	1.25g/cm ³
Maximum Usable Temperature Range	200-280°C

(1) NOT to be construed as specifications

Other Info:

Please note that Floss™ is a highly optimised blend of resins and cleaning additives. Do not be alarmed at the effusive nature of the plastic being expelled from the nozzle. It is supposed to swell up, and foam slightly in the hotend and nozzle – this is how it cleans out these parts.

Solvents for dissolving Floss™ include MEK (methyl ethyl ketone), cyclohexanone, and similar. Floss™ also contains insoluble inorganic content.

General Safety:

As with all filaments, only print in an area with good ventilation, away from pets, and avoid breathing in any fumes or particles that will be released during the printing process.

Always wear eye protection around 3D printers and their materials, especially while in use.

It is always good practice to wear facemasks as a precautionary measure when 3D printing.

Keep away from food, and wash hands after use.

Do not touch the molten plastic - It will cause severe burns if it comes into contact with bare skin.

If bodily contact does occur, irrigate the affected area with copious amounts of cold water.

Do not attempt to remove the hardened plastic.

Seek medical attention.

Please note that the information given in this Technical Data Sheet, including, but not limited to, data, statements and typical values, are given in good faith. They are provided as an aid for material selection purposes only. The values and information presented on this sheet are typical values and should not be interpreted as being absolute or precise specifications.