

3D Print With Hemp Filament!

Entwined is 3D printing filament produced from USA-grown and processed industrial hemp. Industrial hemp crops require no herbicides, no pesticides and grow more densely compared to corn. Entwined hemp filament uses no dyes, allowing it to maintain a true natural brown. It's almost iridescent in its ability to showcase different shades and densities within the same printed object. There's a large amount of visible bio-fill, something you don't get with standard PLA.



3D-Fuel Entwined hemp filament can be printed on any machine capable of printing with PLA using standard PLA settings.

Print Settings

Entwined prints well at 180-210 C. In general, a good starting point is 10 degrees cooler than you typically print PLA. A heated bed is not necessary, though if you have one, set it to 45 C.

Filament Information

Quality: All 3D-Fuel 3D printer filament is manufactured in our own production facility located in Fargo, North Dakota or in Merville, Ireland (depending on customer location). We have complete control over the manufacturing process and are able to ensure consistent quality for every spool. Learn more about 3D-Fuel USA filament quality.

Diameter Tolerance: Variable diameter can cause big problems in your 3D printer. We use a multi-axis laser measurement system to control our filament diameter and ovality in real time during production. Every spool has the diameter and ovality measurements listed right on the box.

Packing Information: 500g (1.1lbs) of Entwined Hemp Filament plastic filament arrives on an easy-to-use plastic reel and is vacuum sealed with a desiccant packet to keep out any moisture.

Test Printing: The 3D-Fuel test lab features multiple brands of 3D printers including MakerBot, LulzBot, FlashForge, and more. We 3D print what we manufacture to ensure that our filament provides the absolute best quality possible.

