

Suited for Intermediate Users

NinjaFlex by NinjaTek

3 mm , 750g reel

NinjaFlex performs with an exciting combination of elongation, elasticity, and strength. Simply put, it is the stretchiest material we have ever tested. NinjaFlex comes in many colors that have a beautiful, strong sheen after being 3D printed. Like SemiFlex, NinjaFlex is a premium and high quality filament material capable of opening the door to a wide range of new applications for your LulzBot desktop 3D printer

PRODUCT ALERT (3)

Separate accessory recommended!

NinjaFlex is so flexible it requires either the Flexystruder or FlexyDually Tool Head for optimal printing performance.

Print Surface Recommendation:

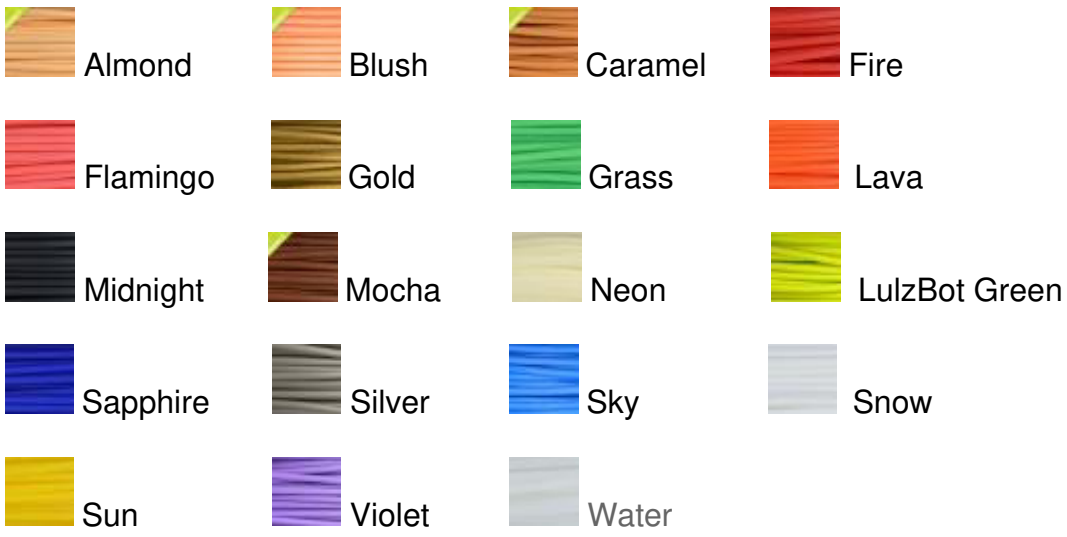
NInjaFlex adheres exceedingly well to our PEI print surface. We strongly recommend applying PVA glue (white school glue) directly on the print surface using a glue stick (such as Elmer's® brand) before printing to ensure easy part removal.

Note:

The Almond, Blush, Caramel, and Mocha colors are no longer being stocked. Refunds or exchanges are not being offered on these items.

Works with: LulzBot TAZ/Mini Aerostruder, LulzBot TAZ FlexyDually, LulzBot TAZ/Mini Flexystruder

Colors



- Features

This filament's soft elasticity, especially combined with the custom nature of 3D printing, make it ideal for costumes, cell phone cases, covers, grips, and thin sturdy membranes. When using hexagonal infill you can even create objects that are stiffer along one axis orientation, while the other axes remain soft and squishy. Since NinjaFlex is softer and bends more easily, it needs to be printed with the Flexystruder Tool Head. NinjaFlex's high elasticity also requires it to be printed at lower speeds and at a larger layer height than standard filaments.

Advanced users can utilize its ability to bind to ABS when using a FlexyDually Tool Head to make prosthetics, live hinges, wearables, and other projects requiring flexible, complex 3D printed items.

- Parts & Specifications

Filament Specifications

Filament Diameter: 3mm (0.118 inches)

Amount of Filament: 0.75 kg (1.65 lbs)

Filament color may vary

Printing Specifications

Tool Head: LulzBot Flexystruder or FlexyDually Tool Head

Hot End Temperature: 230°C

Print Surface:To make removing 3D printed NinjaFlex objects easier, we strongly recommend applying a glue stick (such as UHU® brand) applied to the print surface prior to powering on your LulzBot 3D printer. Maintain the print surface by powering off your LulzBot and cleaning the glue stick residue with a soft cloth and water.

Print Surface Temperature: Off

Packaging Information

NinjaFlex ships vacuum sealed and mounted on a reel.