



Polaroid



Universal 3D Filaments

For use with any suitable FDM/FFF 3D printer
or 3D pens.

Polaroid



Universal 3D Filaments

- Fantastic range of Polaroid Universal Filament Materials for use with the Polaroid PlaySmart 3D Printer as well as other FDM/FFF 3D Printers and 3D pens when used within recommended temperature tolerances on applicable equipment.
- Can be used with the Polaroid Precise Filament Holder & Scale to ensure you always know how much filament you have in weight (g) and length (cm).
- Materials available:

PLA: 15 colours

PETG: 10 colours

Wood

Deluxe Silk: 7 colours

Multi-Colour

Glow-in-the-Dark



PLA

The Polaroid 1kg Universal PLA Filament Cartridge range can be used with any suitable FDM/FFF 3D printer and 3D pens including the Polaroid Play+ 3D Pen. The fantastic colour range offers a variety of choice to the consumer.

The environmental nature of PLA makes this the perfect choice for 3D printing as it is a bio-compostable plastic made from corn starch.

- High rigidity with good gloss finish
- Print temperature: 190 - 210°C / 374 - 410°F
- Bed temperature: 0 - 65°C / 32 - 149°F
- Infill speed: 30 - 90 mm/s
- Travel speed: 90 - 150 mm/s



Colours:



White



Purple



Blue



Magenta



Red



Silver



Brown



Yellow



Orange



Black



Gold



Light Green



Pink



Dark Green



Light Blue



PETG

The Polaroid 1kg Universal PETG Filament Cartridge range can be used with the Polaroid PlaySmart 3D Printer as well as any other suitable FDM/FFF 3D printers and 3D pens. The fantastic colour range offers a variety of choice to the consumer.

- Non-toxic, non-smelling plastic
- Low warping
- High transparency and gloss finish
- Great for printing electronic products, toys and containers
- Print temperature 230 - 250°C / 446 - 482°F
- Bed temperature: 0 - 80°C / 32 - 176°F
- Infill speed: 30 - 80 mm/s
- Travel speed: 90 - 150 mm/s



Colours:





Wood

The Polaroid 500g Universal Wood Filament Cartridge range can be used with any suitable FDM/FFF 3D printer and 3D pens including the Polaroid Play+ 3D Pen.

The environmental nature of PLA makes this the perfect choice for 3D printing as it is a bio-compostable plastic made from corn starch.

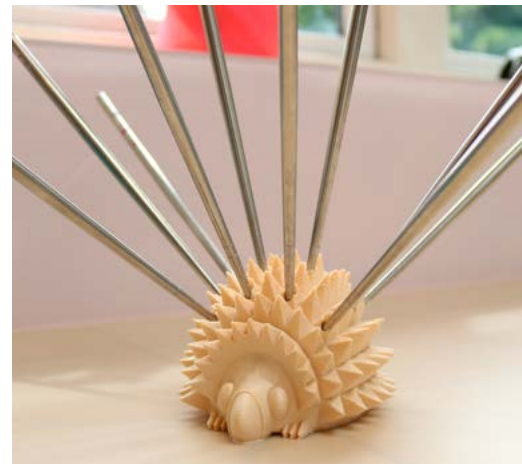
- Great wood texture finish
- Non-toxic printing
- Print temperature: 185 - 220°C / 365 - 428°F
- Bed temperature: 0 - 65°C / 32 - 149°F
- Infill speed: 30 - 90 mm/s
- Travel speed: 90 - 150 mm/s

Colours:



Natural





Deluxe Silk

The Polaroid 250g Universal Deluxe Silk PLA Filament Cartridge range can be used with any suitable FDM/FFF 3D printer and 3D pens including the Polaroid Play+ 3D Pen. It's premium quality produces a high level of rigidity with an excellent silk finish. The fantastic colour range offers a variety of choice to the consumer.

The environmental nature of PLA makes this the perfect choice for 3D printing as it is a bio-compostable plastic made from corn starch.

- Versatile, easy-to-print material; great for a wide range of applications including ornaments and decorative models.
- A thermoplastic polymer made from renewable sources make it a great environmental choice for 3D printing.
- High rigidity with excellent surface detail and silk finish.
- Print temperature: 190 - 225°C / 374 - 437°F
- Bed temperature: 0 - 65°C / 32 - 149°F
- Infill speed: 30 - 90 mm/s
- Travel speed: 90 - 150 mm/s



Colours:





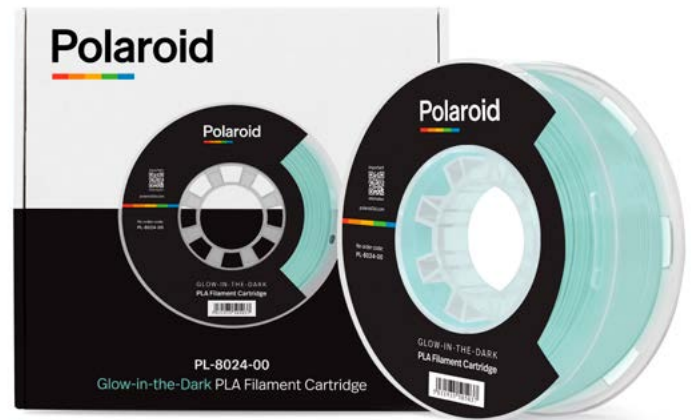
Glow-in-the-Dark

The Polaroid 1kg Universal Glow-in-the-Dark PLA Filament Cartridge can be used with any suitable FDM/FFF 3D printer and 3D pens including the Polaroid Play+ 3D Pen. It's premium quality produces a high level of rigidity with an excellent matte finish.

The environmental nature of PLA makes this the perfect choice for 3D printing as it is a bio-compostable plastic made from corn starch.

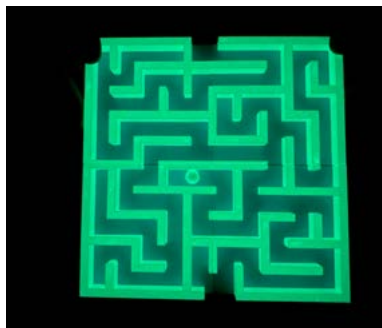
The perfect choice for eye-catching decorations, children's parties and so much more. Turn the light off and watch it glow!

- Versatile, easy-to-print material; great for a wide range of applications including party accessories, games and decorative models.
- A thermoplastic polymer made from renewable sources make it a great environmental choice for 3D printing.
- High rigidity with an excellent matte finish.
- Print temperature: 195 - 225°C / 383 - 437°F
- Bed temperature: 0 - 65°C / 32 - 149°F
- Infill speed: 30 - 90 mm/s
- Travel speed: 90 - 150 mm/s



Colours:





Multi-Colour

The Polaroid 500g Universal Multi-Color PLA Filament Cartridge can be used with any suitable FDM/FFF 3D printer and 3D pens including the Polaroid Play+ 3D Pen. It's premium quality produces a high level of rigidity with a unique colour blend.

The environmental nature of PLA makes this the perfect choice for 3D printing as it is a bio-compostable plastic made from corn starch.

The multiple colour blends allow for multi-colour model creation without the need to change your filament cartridge!

- Versatile, easy-to-print material; great for a wide range of applications including ornaments and decorative models.
- A thermoplastic polymer made from renewable sources make it a great environmental choice for 3D printing.
- High rigidity with a unique colour blend.
- Multiple colour blends possible.
- Print temperature: 190 - 225°C / 374 - 437°F
- Bed temperature: 0 - 65°C / 32 - 149°F
- Infill speed: 30 - 90 mm/s
- Travel speed: 90 - 150 mm/s



Colours:



