



MPN	Description
55003	ABS 3D Filament 1.75mm 1kg Reel - Red



#### Features:

- Manufactured to very tight tolerances ( $\pm 0.05$ mm diameter) using the highest quality materials to ensure consistent feeding and stable prints
- Custom spool, designed for strength and uniform feeding – ensures top quality prints every time.
- Filaments packaged in vacuum-sealed bag, with desiccant to prevent introduction of dust and moisture.
- ABS (acrylonitrile butadiene styrene) – copolymer blend of styrene, acryl and butadiene.
- Durable, impact resistant filament.
- Glossy appearance – can be cut, filed or glued post printing – acetone can provide smooth surface
- Compatible with most commercially available non-cartridge based 3D printers.
- For best performance, an extrusion temperature between 230-240°C and a heated bed temperature of 70°C are recommended.
- Environmentally-friendly, recyclable product
- 1-Year Limited Warranty

#### Storage and Handling:

- Keep material in sealed bag until ready for use.
- Store unused material in cool, dark place.

#### Technical Specifications

Diameter Tolerance	1.75 $\pm$ 0.05 mm
Process Temperature	230 to 240° C
Net Weight	2.20 lbs (1.00 kg)
Gross Weight	3.00 lbs (1.36 kg)
Spool Diameter	20.00 cm (7.87 In)
Spool Depth	7.20 cm (2.83 In)
Hub Diameter	10.20 cm (4.02 In)
Hub Hole Diameter	5.10 cm (2.01 In)
Heated platform required?	Recommended
Recommended Storage Temperature	-20 to 60° C