



# Filament Specification

## PLA (PolyLactic Acid)

A non-toxic filament that is ideal for users new to 3D printing and for educational establishments.

Our PLA is made using the purest raw materials & all of the filament including pigment is produced using premium grade polymers without fillers or toxic additives. Our cross-sectional roundness is consistent throughout the whole spool to ensure that a reliable printing experience is achieved over repeated prints. Our filaments are free from air bubbles or voids that help to ensure accurate and high definition printing results. Our PLA is available in a wide range of colours including translucent, silver & gold. Please visit our web site ([www.dr3dfilament.com](http://www.dr3dfilament.com)) for full colour range.

Available as 1.75mm or 2.85mm diameter filaments in sample bags\*, 300g, 1kg & 3kg

Dimensional tolerance typically less than +/- 0.03mm

Suggested printing temperature 180-210°C

Suggested bed temperature 20-45°C

Suggested printing speed 30-40 mm/s

Size of spool:	300g	1kg	3kg
Outer Diameter (mm)	160	200	300
Height of Spool (mm)	44	55	100

\*samples are 5m for 2.85mm diameter and 10m for 1.75mm diameter

### Packaging:

Each spool is hermetically sealed in an aluminium foil bag with silica gel. Additional cardboard packaging for protection in transit.

### Storage:

Retain in foil bag with silica gel when not in use and keep in dry location at room temperature.