



# Filament Specification

## PET-G (Polyethylene Terephthalate Glycol)

A filament that is ideal for more experienced users of 3D printers and for engineering & manufacturing business prototyping. PET-G is a very strong and durable and virtually unbreakable. Translucent in appearance, when printed using optimal settings, produces a near “clear” print. A heated print bed is recommended when printing with PET-G to prevent warping although this material prints naturally with low warp characteristics.

PET-G is made using the purest raw materials & all of the filament including pigment is produced using premium grade polymers without fillers. 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 PET-G is available in a wide range of vivid translucent colours. 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 220-245°C

Suggested print bed temperature 70-80°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.