



# Filament Specification

## ABS/PA (Acrylonitrile Butadiene Styrene/Nylon)

A filament that is ideal for more experienced users of 3D printers. ABS/PA has increased chemical and heat resistance and is strong and durable. ABS/PA can be used for engineering applications. A heated print bed is recommended when printing.

Our ABS/PA is made using the purest raw materials 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.

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 255-265°C

Suggested print bed temperature 100-110°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.

Before using ABS/PA, we recommend drying for at least 24 hours at 40°C to condition the material.

### Storage:

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