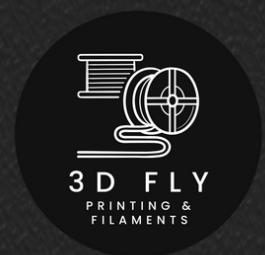


3D FLY
FILAMENT
PORTFOLIO

MADE IN
INDIA

We Make Quality Filament
for Professional Creators



www.3dfly.co.in



3D FLY

3D FLY is Additive manufacturing Company Started with intention to provide our absolute contribution to the emerging 3D printing Technology by providing finest 3D printing solutions, services and Materials.

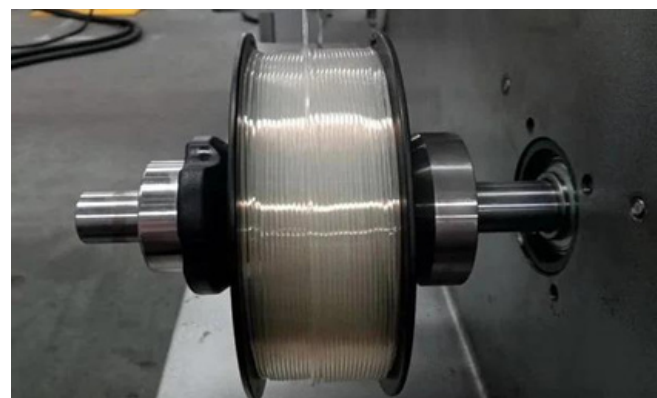
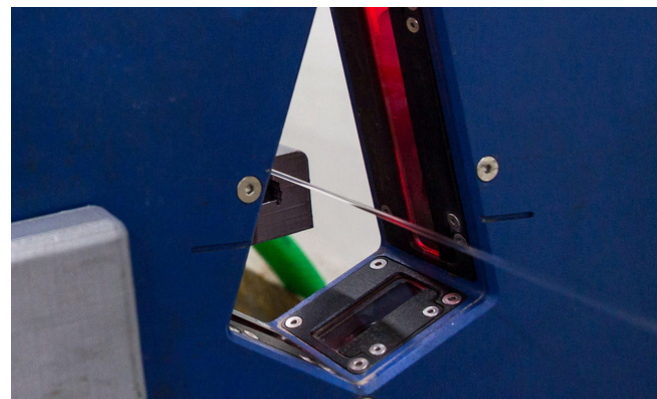
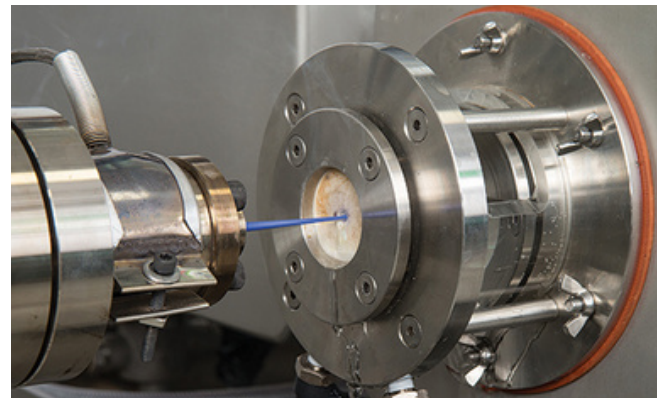
The company's objective is to hasten the adoption of 3D printing by providing materials that are both cost-effective and of high quality. Utilizing advanced extruders and manufacturing techniques, all of their filaments are made from top-notch, specially formulated raw materials.

The innovative technology of 3D printing provides exceptional prospects to transform the process of product manufacturing and prototyping. Our ultimate objective is to produce superior quality materials that cater to demanding end-use applications where functionality is the top priority.



QUALITY OF FILAMENT

Throughout the entire Production process, our filament undergoes extrusion via precise die equipment, ensuring a narrow diameter and ovality tolerance. We employ a unique proprietary technology for the oscillating strand guide, guaranteeing a neat and knot-free winding.



PLA +



MOST EASY TO USE FILAMENT

Our PLA+ filament is produced with 100% virgin **NatureWorks** biopolymer resin, devoid of any fillers, and manufactured in the USA. This material is renowned for its exceptional 3D printing features, such as high accuracy in detail, strong adhesion to build plates, minimal warping or curling, and low odor emissions. Moreover, PLA is the most user-friendly material with the most extensive range of colors. If you seek a dependable and superior quality filament for your day-to-day printing needs, then PLA+ is the filament you can rely on.

Diameter : 1.75 mm / 2.85mm

Tolerance : +/- 0.03 mm

**Spool : 1 KG Net Weight
(1.2 KG Gross)**

Printing Temp. : 200-230 °C

Bed Temp. : 50-60 °C

Density : 1.23-1.25 gm/cm³

Our PLA+ Collection



Black 1 kg Net



White 1 kg Net



Grey 1 kg Net



Yellow 1 kg Net



Red 1 kg Net



Purple 1 kg Net



Green 1 kg Net



Blue 1 kg Net



Pink 1 kg Net



Sky Blue 1 kg Net



Orange 1 kg Net



Brown 1 kg Net

ABS Filament

The **3D FLY** ABS 3D printing filaments consist of pure Acrylonitrile Butadiene Styrene (ABS) pellets. These filaments have excellent resistance to high temperatures and possess desirable qualities such as easy machinability, flexibility, and strength. As a result, they are highly favored by engineers and professionals in various industries.

One Notable advantage of ABS plastic is its ability to be dissolved and welded using Acetone, which simplifies post-processing tasks. Additionally, Acetone can be utilized to achieve a smooth, polished appearance for ABS prints by either vapor or dip methods, giving them a finish similar to cast plastic.

ABS is an outstanding choice for creating functional and durable components through 3D printing due to its remarkable resistance to wear and impact. It can withstand high temperatures and remain effective up to 100 degrees Celsius, making it highly suitable for applications requiring robust and enduring parts.



Diameter : 1.75 mm / 2.85mm

Tolerance : +/- 0.05 mm

Spool : 1 KG Net Weight
(1.2 KG Gross)

Printing Temp. : 240-260 °C

Bed Temp. : 100-110 °C

Density : 1.03-1.05 gm/cm³

UV Resistance : Medium

ROHS : Yes

REACH : Yes

Silicone Free : Yes



Our ABS Collection



Black 1 kg Net



White 1 kg Net



Red 1 kg Net



Grey 1 kg Net



Yellow 1 kg Net



Green 1 kg Net



Orange 1 kg Net



Blue 1 kg Net



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