



HATCHBOX[®]

YOUR CREATIVITY. OUR TOOLS.

2016 PRODUCT CATALOG - EDITION ONE

HATCHBOX3D.COM

About us

From professional engineers to designers and hobbyists alike, enter into the world of HATCHBOX for endless innovation and design opportunities in 3D printing. Our printer and extensive collection of filaments cater to a variety of applications suitable for home, business, or anything your creative intellect aspires for. Our distinguished craftsmanship is what makes us unique and sets us at the forefront of the competition. For consistency in quality, variety in selection, and affordability in pricing, HATCHBOX is here to be your ultimate 3D printing filament solution. We encourage you to join our 3D printing community and share your vision in shaping and designing the future.

At HATCHBOX, we never stop innovating, and we never cease improving our existing products. We operate our own factory, allowing us complete quality control from manufacturing to packaging. Starting 2016, our filaments will have a diameter tolerance of +/- 0.03 mm. We strive to make the best filaments available at the lowest price possible. By providing our customers the highest quality filaments at an affordable price, we believe that this will accelerate the 3D printing revolution.

Customer Support
support@hatchbox3d.com

Wholesale Support
wholesale@hatchbox3d.com

Table of Contents

04.	3D PRINTER
08.	PLA FILAMENTS
10.	ABS FILAMENTS
12.	PETG FILAMENTS
13.	PPLA FILAMENTS
14.	TPU FILAMENTS
15.	FILAMENT RACKS
16.	3MM FILAMENTS
18.	Amazon Promo Code

Find our products
on **Amazon**

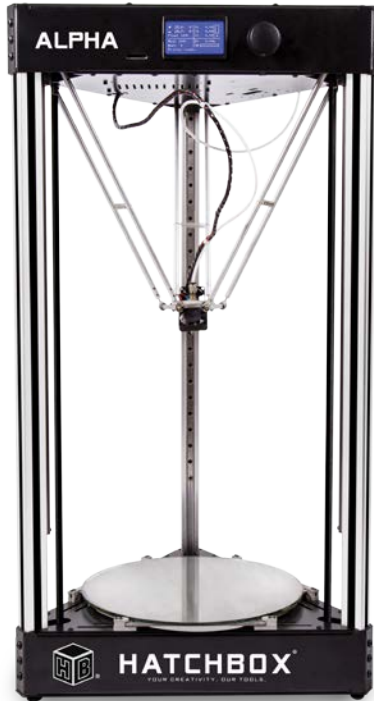
1
Download the
Amazon App

2
Look for the
Camera icon
within App

3
Scan the barcode

NEW

INTRODUCING
ALPHA



HATCHBOX3D.COM

FIND HATCHBOX ALPHA ON **AMAZON**

1



Download the Amazon App

2



Look for the Camera icon within App

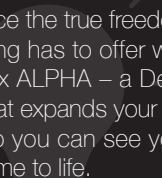
3



Scan this barcode



WHY HATCHBOX ALPHA?



Experience the true freedom 3D printing has to offer with Hatchbox ALPHA – a Delta printer that expands your 3D space so you can see your ideas come to life.

The ALPHA allows you:

-  To Print larger designs
-  Superior movement with linear guides
-  Automatic Leveling
-  A Heated Bed

FOLLOW US



@HATCHBOX3D

HATCHBOX ALPHA SPECS

Printing:

Print Technology: Fused Filament Fabrication (FFF)
Build Volume: 300 mm diameter, 330 mm height
Print Quality: 0.050 mm – 0.400 mm
Position Precision: X, Y, and Z at 0.05 mm
Filament Diameter: 1.75 mm
Nozzle Diameter: 0.40 mm
Print Speed: 20 – 150 mm/s
Travel Speed: 300 mm/s
Connectivity: USB and SD Card

Mechanical:

Build Plate: Aluminum base with a glass bed
Stepper Motor: 1.8° step angle with 1/16 micro-stepping
Belt Type: GT2
Belt Width: 6 mm Belt Pulley: 16 teeth /10 mm diameter

Electrical:

AC Input: 100 – 240 V, 50 – 60 Hz
Power Requirement: 24 V DC at 10 amps

Temperature:

Ambient Operating Temperature: 15°C - 35°C
Storage Temperature: 0°C - 35°C
Extrusion Temperature: 0°C - 260°C
Heated Build Plate Temperature: 0°C - 110°C

Software:

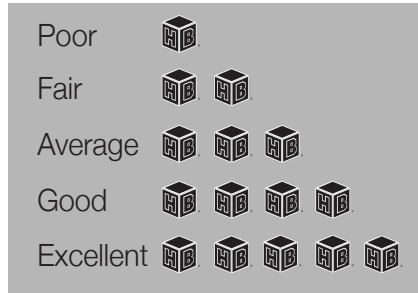
Output file: GCODE
Software Control: Cura, Repetier, and Slic3r (to name a few)
File Type: STL, AMF, OBJ
Supports: Windows 7 and Mac OS X

Available at
amazon

FILAMENT Specifications

Our extensive collection of filaments caters to a variety of applications suitable for home, business, and anything your creative intellect aspires. Our distinguished craftsmanship is what makes us unique and sets us at the forefront of the competition. For consistency in quality, variety in selection, and affordability in pricing, HATCHBOX is here to provide you with the ultimate 3D printing filament solution. In 2016, our filament will be at a tolerance of +/- 0.03 mm, as our goal is to produce the best filament out there today.

Quality Rating



HATCHBOX3D.COM

PLA

- Size: 1.75 MM and 3.0MM - 1 KG Spool
- Recommended Extrusion Temperature: 180°C - 210°C
- Platform Adhesion: Blue Painters Tape
- Recommended Build Platform Temperature: 0°C - 60°C

Strength



Ease of Use



Odorless



Flexibility



ABS

- Size: 1.75 MM and 3.0MM - 1 KG Spool
- Recommended Extrusion Temperature: 210°C - 240°C
- Platform Adhesion: Kapton Tape or Hairspray
- Recommended Build Platform Temperature: 55°C - 85°C

Strength



Ease of Use



Odorless



Flexibility



Amazon coupon codes offered on page 18

PETG

- Size: 1.75 MM - 1 KG Spool
- Recommended Extrusion Temperature: 230°C - 260°C
- Platform Adhesion: Blue Painters Tape/Kapton Tape/Glass Bed
- Recommended Build Platform Temperature: 55°C - 85°C

Strength



Ease of Use



Odorless



Flexibility



PPLA

- Size: 1.75 MM - 1 KG Spool
- Recommended Extrusion Temperature: 180°C - 220°C
- Platform Adhesion: Blue Painters Tape or Kapton Tape
- Recommended Build Platform Temperature: 55°C - 85°C

Strength



Ease of Use



Odorless



Flexibility



TPU

- Size: 1.75 MM - 1 KG Spool
- Recommended Extrusion Temperature: 190°C - 235°C
- Platform Adhesion: Blue Painters Tape or Kapton Tape
- Recommended Build Platform Temperature: 20°C - 55°C

Strength



Ease of Use



Odorless



Flexibility



FIND OUR PRODUCTS
ON **AMAZON**



1
Download the
Amazon App



2
Look for the
Camera icon
within App



3
Scan the barcode

HATCHBOX PLA

PLA, or Polylactic Acid, is a commonly used thermoplastic material that does not require the use of a heated print bed. Blending a mixture of plant-based materials and polymers creates Hatchbox 3D Printer's PLA, making this material more earth-friendly. Because of the lower melting temperature and lack of warping, PLA filaments retain their color vibrancy and are a common choice for displays or small household prints. The 3d printed object will have a glossy type finish.

Why we love it: • Less warping • No heating bed required • Eco-friendly • Odorless

PLA 1.75 mm

HATCHBOX3D.COM



BEIGE
pantone720C



BLACK



BLUE



BRONZE



BROWN
pantone 731C



COPPER



GOLD



GREEN



ORANGE



PINK



PURPLE



RED



PLA 1.75 mm



SILVER



WHITE



YELLOW



COOL GRAY

pantone Cool Gray 6C



LIGHT BLUE

pantone 285C



MINT GREEN

pantone 318C



NEON GREEN

pantone 802C



PASTEL GREEN

pantone 365C



Transparent Colors



BLACK



BLUE



GREEN



ORANGE



RED



WHITE



YELLOW



HATCHBOX ABS

ABS, or Acrylonitrile Butadiene Styrene, is a tough and durable thermoplastic with the highest level of dimensional accuracy. Because of its ability to withstand higher temperatures, ABS is one of the most popular and commonly chosen materials on the market. ABS can be used for full functional models, and is the closest material to real production models. The 3D printed object will have a glossy type finish.

Why we love it:

- Prints at higher temperature
- Durable
- Requires less manual finishing
- Process in acetone for polished finished
- UV resistant

ABS 1.75 mm



BEIGE
pantone720C



BLACK



BLUE



BRONZE



BROWN
pantone 731C



COPPER



GOLD



GREEN



ORANGE



PINK



PURPLE



RED



ABS 1.75 mm



SILVER



WHITE



YELLOW



COOL GRAY

pantone Cool Gray 6C



LIGHT BLUE

pantone 285C



MINT GREEN

pantone 318C



NEON GREEN

pantone 802C



PASTEL GREEN

pantone 365C



Transparent Colors



BLACK



BLUE



GREEN



ORANGE



RED



WHITE



YELLOW



GLOW



HATCHBOX3D.COM

HATCHBOX PETG

Perfect for strength and flexibility, Hatchbox's 3D PETG, or Polyethylene Terephthalate Glycol-modified filament, is a great alternative to ABS or PLA filaments. PETG filaments can be processed over a wider processing range than conventional PET filaments and also offer a good combination of properties such as toughness, clarity, and stiffness. This filament is great for printing transparent or lightweight items due to its durability. The 3D printed object will have a glossy type finish.

Why we love it:

- Hydrophobic (does not absorb moisture)
- Odorless
- Environmentally safe
- Easy adhesion to a number of surfaces
- No heating bed required

PETG 1.75 mm



BLACK



BLUE



GREEN



ORANGE



PURPLE



RED



SILVER



WHITE



YELLOW



HATCHBOX PPLA

PPLA, or Performance Polylactic Acid, is a commonly used thermoplastic material that does not require the use of a heated print bed. Blending a mixture of plant-based materials and polymers creates Hatchbox 3D Printer's PPLA, making this material more earth-friendly. Because of the additional upgraded polymers in PPLA, it has an even lower rate of warping, if any, versus PLA. The final print finish has a matte type finish as opposed to PLA prints.

Why we love it:

- Less warping than PLA
- Eco-friendly
- Heated bed not required
- Uses Blue painters tape for bed adhesion
- Odorless

PPLA 1.75 mm



BLACK



BLUE



GREEN



ORANGE



PURPLE



RED



SILVER



WHITE



YELLOW



HATCHBOX3D.COM

HATCHBOX TPU

Looking for a more dynamic, flexible print? Hatchbox 3D TPU filament is reshaping the industry with this elastic filament designed for more specialized prints—the possibilities really are endless! TPU, or Thermoplastic Polyurethane, has many every day uses due to its soft and malleable characteristics, and its ability to withstand oils and grease. TPU is popular in almost every industry from medical instruments, automotive parts, sporting goods, and even protective cases for electronic devices, (Great way to protect your phone!). The 3D printed object will have a matte type finish.

Why we love it: • Flexible design • Endless usage • Easy to clean • Will adhere to most surfaces

TPU 1.75 mm



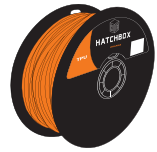
BLACK



BLUE



GREEN



ORANGE



PURPLE



RED



SILVER



WHITE



YELLOW



HATCHBOX3D.COM

FILAMENT RACKS

We hope you enjoy our line of 3D printer filaments offered at a great affordable price and superior quality. Hatchbox 3D printer filament racks are constructed out of stainless steel for its long-lasting durability and stability, and are universally designed to fit your filament needs. Currently offered in a 1 spool rack, 2 spool rack, 3 spool rack, and a 4 spool rack – whichever size you choose, it can be used as a tabletop or wall-mounted rack (Wall mount screws not included).

Minimum Spool Diameter: 1 inch or 25.40 millimeter. Maximum Spool Width: 3.75 inch or 95.25 millimeter.



FILAMENT RACK 1

1 Spool Rack - Assembled Dimensions:

Note: measured with included rubber ends for tabletop use.

Length: 8.50 inches or 215.90 millimeters

Width: 5.40 inches or 137 millimeters

Height: 6.50 inchse or 165 millimeters



HATCHBOX3D.COM



FILAMENT RACK 2

2 Spool Rack - Assembled Dimensions:

Note: measured with included rubber ends for tabletop use.

Length: 8.50 inches or 215.90 millimeters

Width: 9.25 inches or 235 millimeters

Height: 6.50 inchse or 165 millimeters



FILAMENT RACK 3

3 Spool Rack - Assembled Dimensions:

Note: measured with included rubber ends for tabletop use.

Length: 8.50 inches or 215.90 millimeters

Width: 13.25 inches or 337 millimeters

Height: 6.50 inchse or 165 millimeters



FILAMENT RACK 4

4 Spool Rack - Assembled Dimensions:

Note: measured with included rubber ends for tabletop use.

Length: 8.50 inches or 215.90 millimeters

Width: 17.25 inches or 438 millimeters

Height: 6.50 inches or 165 millimeters



HATCHBOX 3MM

Perfect for strength and flexibility, Hatchbox's 3D PETG, or Polyethylene Terephthalate Glycol-modified filament, is a great alternative to ABS or PLA filaments. PETG filaments can be processed over a wider processing range than conventional PET filaments and also offer a good combination of properties such as toughness, clarity, and stiffness. This filament is great for printing transparent or lightweight items due to its durability. The 3D printed object will have a glossy type finish.

Why we love it:

- Hydrophobic (does not absorb moisture)
- Odorless
- Environmentally safe
- Easy adhesion to a number of surfaces
- No heating bed required

ABS 3.00 mm



BLACK



BLUE



GREEN



ORANGE



RED



SILVER



WHITE



YELLOW



HATCHBOX3D.COM

FIND OUR PRODUCTS
ON **AMAZON**



1
Download the
Amazon App



2
Look for the
Camera icon
within App



3
Scan the barcode

PLA 3.00 mm



BLACK



BLUE



GREEN



GOLD



GLOW



ORANGE



PINK



PURPLE



RED



SILVER



WHITE



YELLOW



Available at
amazon

HATCHBOX3D.COM



HATCHBOX[®] PROMO CODE

\$100 OFF

HATCHBOX ALPHA

PROMO CODE



EXPIRATION DATE: DECEMBER 31, 2016

HOW IT WORKS



1. Find our product sold by **Fire Sale Merchant** on **Amazon.com**



2. Add item to cart and click **Proceed to Checkout**



3. Enter the appropriate promo code and click **Place your Order**



4. Enjoy your new product and write us an unbiased review!

HOW IT WORKS



1. Visit [Amazon.com/coupons](https://www.amazon.com/coupons)
Search **Hatchbox Alpha**



2. Click **Hatchbox Alpha** then
select **Clip Coupon & Save**



3. Make sure coupon is applied
and click **Proceed to Check Out**.



4. Enjoy your new product and
write us an unbiased review!



AMAZON
CLIP COUPON

\$100 OFF
HATCHBOX ALPHA



Clip Coupon & Save

EXPIRATION DATE: DECEMBER 31, 2016

HATCHBOX3D.COM

2016 PRODUCT CATALOG - EDITION ONE



HATCHBOX[®]
YOUR CREATIVITY. OUR TOOLS.

HATCHBOX3D.COM



[@HATCHBOX3D](https://www.instagram.com/HATCHBOX3D)