Filamentos para imprimir en 3D

3D PRINTING MATERIALS

*FILAMENT COMPARISON GUIDE*

[[](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PLA%20Filament)](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PLA%20Filament)

**PLA** (Polylactic Acid) is one of the two most commonly used desktop 3D printing materials (with the other being ABS). It is the ‘default’ recommended material for many desktop 3D printers, and with good reason - PLA is useful in a broad range of printing applications and has the virtue of being both odorless and low-warp. PLA is also one of the more eco-friendly 3D printing materials available; it is made from annually renewable resources (corn-starch) and requires less energy to process than traditional (petroleum-based) plastics. Outside of 3D printing, PLA is often used in food containers, such as candy wrappers, and biodegradable medical implants, such as sutures. PLA is available in a wide range of colors in both [1.75mm](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PLA%20Filament) and [3mm](http://www.matterhackers.com/store/3d-printer-filament?t=3.00mm%20PLA%20Filament) (check your printer specs to determine the correct size). For tips and tricks on 3D printing in PLA, check out [How To Succeed When Printing In PLA.](http://www.matterhackers.com/articles/how-to-succeed-when-printing-in-pla)

[[](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20ABS%20Filament)](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20ABS%20Filament)

**ABS** (Acrylonitrile Butadiene Styrene) is another commonly used material in desktop 3D printing. Useful for making durable parts that need to withstand higher temperatures. In comparison to PLA, ABS is less ‘brittle.’ It can also be post-processed with acetone to provide a glossy finish. When 3D printing in ABS a heated printing surface is recommended, as ABS will contract when cooled. ABS is available in both [1.75mm](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20ABS%20Filament) and [3mm](http://www.matterhackers.com/store/3d-printer-filament?t=3.00mm%20ABS%20Filament) diameter sizes.

[[](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PRO%20Series%20PLA)](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PRO%20Series%20PLA)

**PRO Series PLA** is a formulation of PLA intended for producing professional, high quality, 3D printed parts. It features a visually distinct finish, with a more vibrant, opaque coloration, than standard PLA. PRO Series PLA is made in the USA and is produced to a more precise specification. It is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PRO%20Series%20PLA) and [3mm](http://www.matterhackers.com/store/3d-printer-filament?t=3.00mm%20PRO%20Series%20PLA).

[[](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PRO%20Series%20ABS)](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PRO%20Series%20ABS)

**PRO Series ABS** is a formulation of ABS filament intended to help your 3D prints stand out with a beautiful, glossy opaque finish. It is made in the USA and best used when producing high quality, precision prints. As with regular ABS, it will withstand higher temperatures than PLA; it also requires a heated bed for proper printing. PRO Series ABS is available in both[1.75mm](http://www.matterhackers.com/store/3d-printer-filament?t=1.75mm%20PRO%20Series%20ABS) and [3mm](http://www.matterhackers.com/store/3d-printer-filament?t=3.00mm%20PRO%20Series%20ABS) diameter sizes.

[[](http://www.matterhackers.com/s/store?q=soft%20pla%201.75mm)](http://www.matterhackers.com/s/store?q=soft%20pla%201.75mm)

**Soft PLA**, also known as ‘flexible’ PLA, is useful for printing rubber-like parts that can bend or flex. It is compatible with almost all desktop 3D printers. Soft PLA is available, as an individual spool or as a sampler pack of each color, in both [1.75mm](http://www.matterhackers.com/s/store?q=soft%20pla%201.75mm) and [3mm](http://www.matterhackers.com/s/store?q=soft%20pla%203.00mm).

[[](http://www.matterhackers.com/store/3d-printer-filament/175mm-wood-filament-light-cherry-0.25-kg)](http://www.matterhackers.com/store/3d-printer-filament/175mm-wood-filament-light-cherry-0.25-kg)

**LAYWOO-D3** is a wood-like 3D printing material that gives 3D printed objects the look and feel of fiberboard. It also imbues parts with other wood-like attributes, such as the ability be cut, painted, and sanded. It is also possible to give parts printed in LAYWOO-D3 a simulated alternating light/dark wood-grain appearance by varying the temperature during printing. LAYWOO-D3 is available in a [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/175mm-wood-filament-light-cherry-0.25-kg) or [3mm](http://www.matterhackers.com/store/3d-printer-filament/300mm-wood-filament-light-cherry-0.25-kg) unspooled rolls.

[[](http://www.matterhackers.com/store/3d-printer-filament/175mm-brick-filament-0.25-kg)](http://www.matterhackers.com/store/3d-printer-filament/175mm-brick-filament-0.25-kg)

**LAYBRICK** is a 3D printing material that gives parts the look and feel of grey stone while retaining the resiliency of plastic, making it ideal for landscape and architectural designs. Anything made with LAYBRICK can be painted and sanded. In the lower range of 165°C to 190°C, the print will come out mostly smooth, whereas with higher temperatures it will begin to have a more pitted, sandstone-like texture. LAYBRICK is available in both [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/175mm-brick-filament-0.25-kg) and[3mm](http://www.matterhackers.com/store/3d-printer-filament/300mm-brick-filament-0.25-kg) unspooled rolls.

[[](http://www.matterhackers.com/s/store?q=nylon%201.75mm)](http://www.matterhackers.com/s/store?q=nylon%201.75mm)

**Nylon** is a versatile 3D printing material which prints as a bright natural to white with a translucent surface, and can absorb color added post process with most common, acid-based clothing dyes. Unprinted Nylon is extremely sensitive to moisture, so taking drying measures during storage and immediately prior to printing is highly recommended for optimal results. Taulman 618 is a 3D-printingspecific formulation of Nylon that comes in a variety of sizes and packages, including 1-, 2-, and 3-packs of both [1.75mm](http://www.matterhackers.com/s/store?q=nylon%201.75mm) and [3mm](http://www.matterhackers.com/s/store?q=nylon%203mm).

[[](http://www.matterhackers.com/store/3d-printer-filament/175mm-pva-filament-half-kg)](http://www.matterhackers.com/store/3d-printer-filament/175mm-pva-filament-half-kg)

**PVA** (Polyvinyl Acetate) prints translucent with a slightly yellow tint and is primarily used, in a 3D printing context, as a support material because it is water-soluble meaning that it will dissolve when exposed to water (and so MUST be kept dry prior to use). PVA is most often used on printers with dual extruders, with one extruder printing a primary material (such as ABS or PLA) and the other printing this easily-dissolved material to provide support for overhanging features. PVA is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/175mm-pva-filament-half-kg) and[3mm](http://www.matterhackers.com/store/3d-printer-filament/300mm-pva-filament-half-kg).

[[](http://www.matterhackers.com/store/3d-printer-filament/175mm-bendlay-threequarter-kg)](http://www.matterhackers.com/store/3d-printer-filament/175mm-bendlay-threequarter-kg)

**Bendlay** is an exciting new filament that is extremely translucent (91% of light passes through) and also is quite flexible. This extremely translucent material will allow you to print nearly clear items, while at the same time being remarkably resilient and elastic. BendLay is a modified Butadiene, which is safe for household and food products. BendLay has a high interlayer adhesion, making it a really wonderful and easy-to-print filament. Compared to ABS it also absorbs far less moisture from the air and thus cuts down on warping significantly. Bendlay is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/175mm-bendlay-threequarter-kg) and [3mm](http://www.matterhackers.com/store/3d-printer-filament/300mm-bendlay-threequarter-kg).

[[](http://www.matterhackers.com/store/3d-printer-filament/175mm-black-tpe-threequarter-kg)](http://www.matterhackers.com/store/3d-printer-filament/175mm-black-tpe-threequarter-kg)

**TPE** is a flexible 3D printing material that feels and acts much like flexible rubber. TPE can be used to make parts that can bend or must flex to fit their environment - stoppers, belts, springs, phone cases and more. This extremely flexible material will allow you to create prints that will have the properties of a soft rubber, making it even more flexible and elastic than our Soft PLA filament. TPE is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/175mm-black-tpe-threequarter-kg) and [3mm](http://www.matterhackers.com/store/3d-printer-filament/300mm-black-tpe-threequarter-kg).

[[](http://www.matterhackers.com/store/3d-printer-filament/175mm-polycarbonate-threequarter-kg)](http://www.matterhackers.com/store/3d-printer-filament/175mm-polycarbonate-threequarter-kg)

**Polycarbonate (PC)** Polycarbonate is strong and very resistant to impact - this material is used when making bullet proof glass. Polycarbonate is an extremely tough and durable thermoplastic material that is temperature resistant. This material is malleable while cold and can be bent without cracking. Polycarbonate is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/175mm-polycarbonate-threequarter-kg) and [3mm](http://www.matterhackers.com/store/3d-printer-filament/300mm-polycarbonate-threequarter-kg).

[[](http://www.matterhackers.com/store/3d-printer-filament/hips-175mm-1kg)](http://www.matterhackers.com/store/3d-printer-filament/hips-175mm-1kg)

**High Impact Polystyrene (HIPS)** is very similar to ABS. The main difference is that HIPS uses Limonene as a solvent. HIPS is as easy to print with as ABS but is much less likely to warp. HIPS is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/hips-175mm-1kg) and [3mm](http://www.matterhackers.com/store/3d-printer-filament/hips-300mm-1kg).

[[](http://www.matterhackers.com/store/3d-printer-filament/Conductive-Filament-175mm-halfkg)](http://www.matterhackers.com/store/3d-printer-filament/Conductive-Filament-175mm-halfkg)

**Conductive ABS Filament** is a modified version of our standard ABS filament which has a resistance of 1200 ohm/cm. This filament works with all ABS compatible 3D printers. Conductive ABS filament is available in [1.75mm](http://www.matterhackers.com/store/3d-printer-filament/Conductive-Filament-175mm-halfkg) and [3mm](http://www.matterhackers.com/(http:/www.matterhackers.com/store/3d-printer-filament/Conductive-Filament-300mm-halfkg).

Filamentos Especiales Premium, Color Plus cuenta con una amplia variedad de Filamentos Especiales para impresora 3d. Nuestra Calidad y diversidad nos han dado la oportunidad de poder ofrecer a nuestro mercado mejores y novedosos filamentos que otros no tienen. Dentro de los filamentos especiales contamos con: Madera, Fibra de Carbono, Fibra vidrio , Asa y más. Color Plus se compromete a tener el 99% en la redondez de cada uno de nuestros Filamentos Especiales Premium. Estos Filamentos Especiales te podrán ayudar a crecer tu producción de impresiones 3d y probar resultados que no conocías.VER FILA<https://www.colorplus3d.com/filamentos-especiales-premium/>MENTOS ESPECIALES

[**FIBRA DE CARBON**](https://www.colorplus3d.com/categoria-producto/fibra-de-vidrio/)

En Color Plus tenemos para ti el mejor filamento Premium de “Fibra de Carbono”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FIBRA DE VIDRIO**](https://www.colorplus3d.com/categoria-producto/fibra-de-vidrio/)

En Color Plus tenemos para ti el mejor filamento Premium de “Fibra de Vidrio”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**NYLON PA12**](https://www.colorplus3d.com/categoria-producto/nylon/)

En Color Plus tenemos para ti el mejor filamento Premium de “Nylon PA 12”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**PLA FLEXIBLE**](https://www.colorplus3d.com/categoria-producto/pla-flexible/)

En Color Plus tenemos para ti el mejor filamento Premium de “PLA Flexible”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO TPU FLEX.**](https://www.colorplus3d.com/categoria-producto/flexible/)

En Color Plus tenemos para ti el mejor filamento Premium de “TPU Flexible”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO HIPS**](https://www.colorplus3d.com/categoria-producto/hips/)

En Color Plus tenemos para ti el mejor filamento Premium de “Filamento Hips”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO PVA**](https://www.colorplus3d.com/categoria-producto/pva/)

En Color Plus tenemos para ti el mejor filamento Premium de “PLA Iva”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO PC**](https://www.colorplus3d.com/categoria-producto/pc/)

En Color Plus tenemos para ti el mejor filamento Premium de “Filamento PC”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO ASA**](https://www.colorplus3d.com/categoria-producto/asa/)

En Color Plus tenemos para ti el mejor filamento Premium de “Filamento Asa”. Único para tus impresiones, el mejor acabado y la mayor calidad.



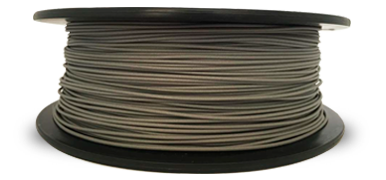
[**FILAMENTO MADERA**](https://www.colorplus3d.com/categoria-producto/madera-2/)

En Color Plus tenemos para ti el mejor filamento Premium de “PLA Madera”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO METALICOS**](https://www.colorplus3d.com/categoria-producto/metalicos/)

En Color Plus tenemos para ti el mejor filamento Premium de “Filamento Metalicos”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO GLOW ITD**](https://www.colorplus3d.com/categoria-producto/glow-in-the-dark/)

En Color Plus tenemos para ti el mejor filamento Premium de “Glow in the dark”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO FOTOCROMATICO**](https://www.colorplus3d.com/categoria-producto/fotocromatico/)

En Color Plus tenemos para ti el mejor filamento Premium de “Filamento Fotocromatico”. Único para tus impresiones, el mejor acabado y la mayor calidad.



[**FILAMENTO TERMOCROMATICO**](https://www.colorplus3d.com/categoria-producto/termocromatico/)

En Color Plus tenemos para ti el mejor filamento Premium de “Filamento Termocromático”. Único para tus impresiones, el mejor acabado y la mayor calidad.



Filamento seda

[](https://www.inky.mx/FILAMENTO-CONDUCTIVO-PLA-1-75-,512_26)

## [FILAMENTO CONDUCTIVO PLA 1.75](https://www.inky.mx/FILAMENTO-CONDUCTIVO-PLA-1-75-,512_26)

1KG, PLA CONDUCTIVO COLOR NEGRO

Código: FCON

#### $700.00 MXN

* [](https://www.inky.mx/FILAMENTO-TERMOCROMICO-1-75-,509_26)

## [FILAMENTO TERMOCROMICO 1.75](https://www.inky.mx/FILAMENTO-TERMOCROMICO-1-75-,509_26)

1 KG, CAMBIA DE COLOR CUANDO LA TEMPERATURA ES SUPERIOR A LOS 33 GRADOS CENTIGRADOS

Código: FTERMO

#### $800.00 MXN

* [[](https://www.inky.mx/FILAMENTOS-METALICOS-1-75mm-3-0mm-,527_26)](https://www.inky.mx/FILAMENTOS-METALICOS-1-75mm-3-0mm-,527_26)

## [FILAMENTOS METALICOS 1.75mm 3.0mm](https://www.inky.mx/FILAMENTOS-METALICOS-1-75mm-3-0mm-,527_26)

1 Kg, Con estos filamentos puedes dar acabados reales de Aluminio, Cobre y Bronze

#### $800.00 MXN