Esta página se muestra en inglés porque no está disponible en el idioma seleccionado.

Material compatibility

On this page, you'll find compatibility information for all Ultimaker materials. This includes compatibility per 3D printer and possible dual-extrusion combinations for the Ultimaker 3 and Ultimaker S5.

Note: To see the compatibility of third-party materials from the Marketplace, please go to this page.

Compatibility per printer

A few of Ultimaker's printing materials are not fully compatible with every Ultimaker 3D printer. In this overview, you'll be able to see which Ultimaker materials are officially supported, experimental, or not recommended per 3D printer. Please keep in mind that this is based on single-extrusion prints with a 0.4 mm nozzle.

	PLA	Tough PLA	ABS	Nylon	CPE	CPE+	PC	TPU 95A	PP	PVA	Breakaway
Ultimaker S5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ultimaker 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ultimaker 2+	✓	ⓘ	✓	✓	✓	✓	✓	✓	✓	ⓘ	✗
Ultimaker 2	✓	ⓘ	✓	ⓘ	✓	ⓘ	ⓘ	✗	✗	✗	✗
Ultimaker 2 Go	✓	ⓘ	✗	✗	✗	✗	✗	✗	✗	✗	✗
Ultimaker Original+	✓	ⓘ	✓	ⓘ	✓	ⓘ	ⓘ	✗	✗	✗	✗
Ultimaker Original	✓	ⓘ	ⓘ*	ⓘ*	ⓘ*	ⓘ*	ⓘ*	✗	✗	✗	✗

✓ Officially supported ⓘ Experimental ✗ Not supported

(*) These combinations only work experimentally when the heated bed upgrade is installed.

It's important to note that although Ultimaker 3D printers have an open filament system (meaning third-party materials can be used), we do not officially support their usage. Our supported materials have been thoroughly tested, and have their own Ultimaker Cura material profiles, which have been specifically developed for use on Ultimaker 3D printers, guaranteeing the best print results possible.

Supported material combinations

The table below shows all possible dual-extrusion material combinations for the Ultimaker 3 and Ultimaker S5.

	PLA	Tough PLA	ABS	Nylon	CPE	CPE+	PC	TPU 95A	PP	PVA	Breakaway
PLA	✓	ⓘ	✗	✗	✗	✗	✗	✗	✗	✓	✓
Tough PLA		✓	✗	✗	✗	✗	✗	✗	✗	✓	✓
ABS			✓	✓	✓	✓	✓	ⓘ	✓	ⓘ	✓

ABS		⌄	⌃	⌃	⌃	⌃	(i)	⌃	(i)	⌄
Nylon	(i)	✕	✕	✕	(i)	✕		✓
CPE		✓	✕	✕	✕	✕	✓	✓
CPE+		(i)	✕	✕	✕	(i)		✓
PC			(i)	(i)	✕	✕	(i)
TPU 95A				(i)	✕	(i)	(i)
PP					(i)	✕	✕
PVA							N/A	N/A
Breakaway								N/A

✓ Officially supported   (i) Experimental   ✕ Not supported

:≡ Index

Top 10 solutions

1. What does a successful first layer look like?
2. How to fix an ugly print?
3. How to plug in the power cord correctly?
4. How to insert filament?
5. How to fix the most common Ultimaker error messages?
6. Where can I find official Ultimaker resellers?
7. How to solve common Cura issues?
8. How to unclog an Ultimaker nozzle?
9. How to fix under extrusion?
10. How to clean print core BB?

Ultimaker Community

Useful tips & tricks, inspiring 3D prints, immediate help and new connections are just around the corner.

:≡ Index

Start exploring

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Productos

Impresoras 3D

Software

Materiales

Áreas de soluciones

Desarrollo de productos

Ayudas de fabricación

Piezas de uso final

Arquitectura

Educación

Empresa

Acerca de nosotros

Empleo

Prensa

Contactar con nosotros

Buscar distribuidores

Unirse a la comunidad

Visitar eventos

Suscribirse al boletín

:≡ Index