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# 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+	~	(i)	~	~	~	~	~	~	~	(i)	×
Ultimaker 2	~	(i)	~	(i)	~	(i)	(i)	×	×	×	×
Ultimaker 2 Go	~	(i)	×	×	×	×	×	×	×	×	×
Ultimaker Original+	~	(i)	~	(i)	<b>~</b>	<u>(i)</u>	(i)	×	×	×	×
Ultimaker Original	~	(i)	(i) *	(i) *	<b>(i)</b> *	① *	(i) *	×	×	×	×
✓ Officially supported (i) Experimental X 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 Index
PLA	~	(i)	×	×	×	×	×	×	×	~	\ \
Tough PLA		~	×	×	×	×	×	×	×	~	~
ADC				~	~	~	~	$\bigcirc$	~	$\bigcirc$	.,

AD3	~	^	^	^	^	$\cup$	^	<u>-</u>	•
Ultimaker Nylon		<b>①</b>	×	×	×	(i)	×	<u></u>	ο ~
СРЕ			~	×	×	×	×	~	~
CPE+				(1)	×	×	×	①	~
PC					0	(i)	×	×	0
TPU 95A						(i)	×	(i)	0
PP							(i)	×	×
PVA								N/A	N/A
Breakaway									N/A
	_	uu sa							
✓ Officially supported	<ul><li>Experimental</li></ul>	× No	ot supported						

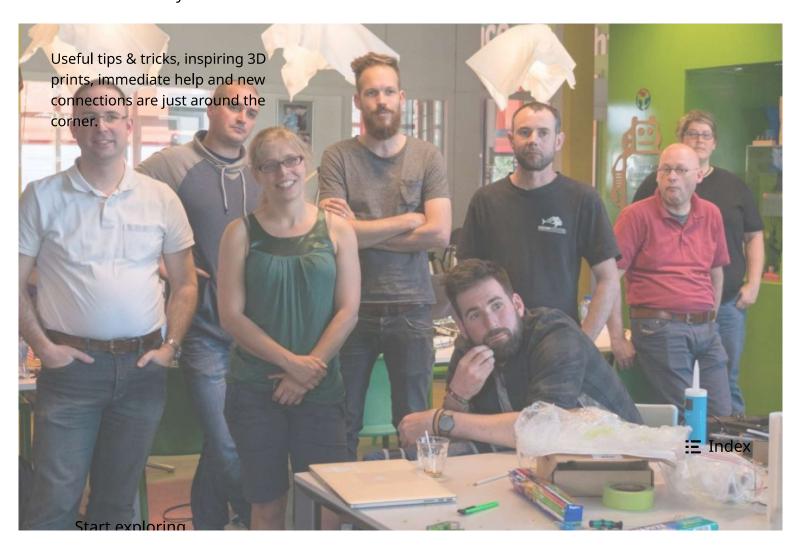
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- 10 How to clean print core BB?

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