



Magigoo Original (ABS): Bed adhesive designed for PLA, ABS, PETG, HIPS, TPU filaments. Easy to apply, release and clean.

Magigoo PA: Bed adhesive designed for nylon filaments. Easy to apply, release and clean.

Magigoo PC: Bed adhesive designed for polycarbonate filaments. Easy to apply, release and clean.

Magigoo PP and PPGF: Bed adhesive designed for polypropylene and polypropylene glass fibre composite filaments. Easy to apply, release and clean.

Magigoo HT: Bed adhesive designed for high temperature filaments, e.g. PEEK, PEKK. Easy to apply, release and clean.

Magigoo Flex: Bed adhesive designed for flexible filaments, e.g. TPE, TPC. Easy to apply, release and clean.



Development

We develop custom adhesives for specialty FDM filament



Optimization

We optimise adhesion and settings for 3D printing for reliable results



Support

We help troubleshoot adhesion and 3D printing problems

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3D Printing Bed Adhesives



PRO Series

Magigoo PA
Magigoo PP
Magigoo PPGF
Magigoo PC
Magigoo HT
Magigoo Flex
Magigoo ABS

magigoo

The settings provided in this table are specific to a standard Ultimaker S5 unless otherwise stated. Different type of printers, hot ends, build-plates and printing environments will require slightly different settings.

The settings below can be used as a starting point for setting up you optimum print settings with Magigoo adhesives.
For the best results a glass printing surface is recommended.

Manufacturer	Material	Material Category	Magigoo Type	Base Cura Profile	1st Layer Bed temperature (° C)	Default Bed Temperature (° C)	Brim	Brim Width (mm)	1st Layer Nozzle Temperature (° C)	Default Nozzle Temperature (° C)	Enclosure
3Dogg	PVDF-H	PVDF	HT	Arkema Kynar 826	100	100	TRUE	20	260	260	
3DXTECH	FIREWIRE PVDF	PVDF	HT	Arkema Kynar 826	70	70	TRUE	8	260	260	
BASF Innofil3D	PP Natural	PP	PP	Generic PP	80	70	TRUE	20	208	220	
BASF Innofil3D	ASA Natural	ASA	PC	Generic ABS	110	110	FALSE		280	275	
BASF Innofil3D	PET CF *	CFF PET	ABS	Innofil PET CF	80	75	FALSE		260	260	
BASF Innofil3D	PAHT CF15 *	CFF PA	PA	BASF Innofil PAHT CF15	80	75	FALSE		260	260	
BASF Innofil3D	Ultrafuse® PP GF30	GF PP	PPGF	BASF Ultrafuse PP GF 30	100	20	TRUE	20	240	240	
Clariant	PA6/66-GF20 Flame retardant *	GFF PA	PA	Clariant Polyamide 6/66 GF20 Flame retardant	80	80	FALSE		235	235	
Clariant	PA6/66 Flame Retardant	Nylon	PA	Clariant Flame Retardant PA6/66 Using Exolit	90	80	TRUE	7	240	240	
Clariant	PA GF20 Flame Retardant *	GFF PA	PA	Clariant Polyamide 6/66 GF20 Flame retardant	80	60	TRUE	8	270	270	Recommended
Clariant	PA6 Flame Retardant	PA	PA	Clariant Polyamide 6/66 Flame retardant	90	80	TRUE	8	250	250	
Colorfabb	XT-Clear	PET	ABS	Generic CPE	75	75	FALSE		240	240	
DOW®	EVOLV3D™ Olefin Block Copolymer	PP	PP	Generic PP	110	100	TRUE	20	208	220	
DSM	Novamid® 1070	Nylon	PA	Generic Nylon	95	85	TRUE	20	280	270	
DSM	Novamid® 1030	Nylon	PA	Generic Nylon	80	80	FALSE	7	270	260	
DSM	Arnitel® 2045	TPE	Flex	DSM Arnitel 2045	80	70	TRUE	20	245	230	
DSM	Novamid® 1030CF	Nylon	PA	DSM Novamid 1030CF	70	65	FALSE		270	270	
DSM	Arnitel® 2060 HT	TPE	Flex	DSM Arnitel 2060HT	90	80	TRUE	20	242	240	
DuPont™	Hytrell® 3D4100FL	TPE	PA	DuPont Hytrell 3D4100FL	105	95	TRUE	20	222	220	
DuPont™	Zytel® 3D1000FL	Nylon	PA	DuPont Zytel 3D1000FL	100	90	TRUE	20	280	275	
Fiberthree	F3 PA Pure Pro	PA	PA	Fiber Three F3 PA Pure Pro	80	80	FALSE				
Fiberthree	F3 PA Pure Lite	PA	PA	Fiber Three F3 PA Pure Lite	80	80	FALSE				
Fibreforce	Nylforce GF *	GFF PA	PA	CFF PA	100	90	TRUE	20	265	265	
Fibreforce	Nylforce CF *	CFF PA	PA	GFF PA	90	85	TRUE	20	265	265	
Filkemp	Nylon	Nylon	PA	Generic Nylon	70	70	FALSE		245	245	
Fillamentum	PP2320	PP	PP	Generic PP	70	70	TRUE	20	240	235	
FormFutura®	Centaur PP	PP	PP	Generic PP	80	70	TRUE	20	208	220	
IGUS®	I180	Tribofilament	Custom	Igus	110	110	TRUE	20	260	260	
Lehmann Voss	LUVOCOM® 3F PAHT CF 9742 BK *	CFF PA	PA	BASF Innofil PAHT CF16	105	100	FALSE		260	260	
Lehmann Voss	LUVOCOM® 3F PAHT GK 9874 NT *	GFF PA	PA	Lehmann Voss LUVOCOM 3F PAHT GK 9874 NT	70	70	FALSE		260	260	
Lehmann Voss	LUVOCOM® PAHT 9825 NT	Nylon	PA	Lehmann Voss PA HT	70	70	FALSE		265	265	
Matterhackers	Nylon Pro	Nylon	PA	Generic Nylon	70	70	TRUE	7	255	245	
Matterhackers	Nylon G *	GFF PA	PA	Matterhackers Nylon G	90	80	TRUE	8	265	265	
Matterhackers	Nylon X *	CFF PA	PA	Matterhackers Nylon X	90	80	TRUE	8	265	265	
Owens Corning	X-Strand™ GF30-PA6 *	GFF PA	PA	Owens Corning X-Strand GF30-PA6	75	70	FALSE		260	260	
Owens Corning	X-Strand™ GF30-PP *	GF PP	PPGF	Owens Corning X-Strand GF30-PP	100	20	TRUE	20	270	270	
Polymaker	PC-FR	PC	PC	Generic PC	110	100	FALSE		270	270	Recommended
Polymaker	PolyMax™ PC	PC	PC	Generic PC	110	110	FALSE		270	260	Recommended
Polymaker	PolyMide™ PA6-CF *	CFF PA	PA	Generic CFF-PA	75	70	FALSE		280	280	
Polymaker	PC-PBT	PC-PBT	PC	Generic PC	110	100	FALSE		280	280	Recommended
Polymaker	PolyLite™ PC	PC	PC	Generic PC	110	110	FALSE		270	260	Recommended
Polymaker	PolyMide™ PA6-GF *	GFF PA	PA	Generic GFF-PA	75	75	FALSE		280	280	
Polymaker	PolyMide™ CoPA	Nylon	PA	Polymaker PolyMide COPA	70	70	FALSE		260	260	
Polymaker	PC-ABS	PC-ABS	PC	Generic PC	100	100	FALSE		280	280	Recommended
Taulman3D	680	Nylon	PA	Generic Nylon	70	60	FALSE		245	245	
Taulman3D	Bridge	Nylon	PA	Generic Nylon	70	60	TRUE	20	245	245	
Taulman3D	645	Nylon	PA	Generic Nylon	70	60	TRUE	20	245	245	
Ultimaker	Nylon	Nylon	PA	Ultimaker PA	90	80	FALSE		245	245	
Ultimaker	ABS	ABS	ABS	Ultimaker ABS	85	85	TRUE	7	240	230	
Ultimaker	CPE	CPE	ABS	Ultimaker CPE	75	75	TRUE	7	240	240	
Ultimaker	PP	PP	PP	Ultimaker PP	80	70	TRUE	20	208	220	
Ultimaker	TPU95A	TPU	ABS	Ultimaker TPU95A	0	0	TRUE	9	223	240	
Ultimaker	PC	PC	PC	Ultimaker PC	105	105	FALSE		270	270	
Verbatim	PP	PP	PP	Generic PP	80	70	TRUE	20	208	220	

Last updated October 2019

*Printed using 0.6 mm CC hot end.

Contact info@magigoo.com if you encounter any difficulties with our products.