

Printing Profiles for Ultrafuse® Filaments

Seamless 3D Printing

We provide a wide range of printing profiles for our materials based on various well-known printer manufacturers. Please find the print profiles on the respective material pages of our filaments at www.forward-am.com or navigate directly to our material pages by clicking on the Ultrafuse® material names in the table headings on the following pages.



Standard Line

Machine brand	Machine type	PLA	PET	ABS	rPET	PP
Bambu Lab	P1P	✓ HS	✓ HS	○	✓ HS	○
	P1S	✓ HS	✓ HS	○	✓ HS	○
	X1-Carbon	✓ HS	✓ HS	○	✓ HS	○
BCN3D	Sigma R19	✗	✓	✓	✓	✓
	Sigmax R19	✗	✓	✓	✓	✓
	Epsilon W27	✗	✓	✓	✓	✓
	Epsilon W50	✗	✓	✓	✓	✓
BigRep	ONE	✓	○	✗	○	✗
	Studio G2	✓	○	✗	○	✗
Prusa	Mk3	✓	✓	✓	✓	✓
	Mk3s	✓	✓	✓	✓	✓
Raise3d	E2	✓	✓	✓	✓	✓
	Pro2	✓	✓	✓	✓	✓
	Pro3	✓	✓	✓	✓	✓
	Pro3 hyper speed	✓	✓	○	○	○
Ultimaker	2+ Connect	✓	✓	✓	✓	✓
	3	○	✓	○	○	○
	S3	✓	✓	✓	✓	✓
	S5	✓	✓	✓	✓	✓
	S7	○	✓	○	✓	○
Zortrax	M300 Dual	○	○	✓	○	○
	Endureal	○	○	✓	○	○
3DGence	F421	✗	○	○	○	○

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

○ To be validated

✗ Not compatible

Engineering Line

Machine brand	Machine type	PLA PRO1	PLA Tough	ABS Fusion+	ASA	PA	PC/ABS FR
Bambu Lab	P1P	✓ HS	✓ HS	✓ HS	○	○	✗
	P1S	✓ HS	✓ HS	✓ HS	○	○	✗
	X1-Carbon	✓ HS	✓ HS	✓ HS	○	○	✓ HS
BCN3D	Sigma R19	✓	✓	✓	✓	✓	✓
	Sigmax R19	✓	✓	✓	✓	✓	✓
	Epsilon W27	✓	✓	✓	✓	✓	✓
	Epsilon W50	✓	✓	✓	✓	✓	✓
BigRep	ONE	✓	✓	✗	✗	✗	✗
	Studio G2	✓	✓	✓	✗	✗	○
Intamsys	Funmat Pro 410	○	○	○	○	○	✓
	Funmat Pro 610HT	○	○	○	○	○	○
Prusa	Mk3	✓	✓	✓	✓	✓	✓
	Mk3s	✓	✓	✓	✓	✓	✓
Raise3d	E2	✓	✓	✓	✓	✓	✓
	Pro2	✓	✓	✓	✓	✓	✓
	Pro3	✓	✓	✓	✓	✓	✓
	Pro3 hyper speed	✓ HS	✓ HS	✓ HS	○	○	✓ HS
Ultimaker	2+ Connect	✓	✓	✓	✓	✓	✓
	3	○	○	○	○	○	○
	S3	✓	✓	✓	✓	✓	✓
	S5	✓	✓	✓	✓	✓	✓
	S7	○	○	○	✓	○	✓
Zortrax	M300 Dual	○	○	○	○	○	○
	Endureal	○	○	○	○	○	✓
3DGence	F421	○	○	○	○	○	✓

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

○ To be validated

✗ Not compatible

Flexible Line

Machine brand	Machine type	TPU 85A	TPU 95A	TPU 64D	TPS 90A
Bambu Lab	P1P	○	○	○	○
	P1S	○	○	○	○
	X1-Carbon	○	○	○	○
BCN3D	Sigma R19	✓	✓	✓	✓
	Sigmax R19	✓	✓	✓	✓
	Epsilon W27	✓	✓	✓	✓
	Epsilon W50	✓	✓	✓	✓
BigRep	ONE	○	○	○	○
	Studio G2	○	○	○	○
Intamsys	Funmat Pro 410	○	○	○	○
	Funmat Pro 610HT	○	○	○	○
Lulzbot	All machines with the SE Tool Head	✓	✓	✓	○
Prusa	Mk3	✓	✓	✓	✓
	Mk3s	✓	✓	✓	✓
Raise3d	E2	✓	✓	✓	✓
	Pro2	✓	✓	✓	○
	Pro3	✓	✓	✓	✓
	Pro3 hyper speed	○	○	○	○
Ultimaker	2+ Connect	X	X	✓	X
	3	X	X	✓	X
	S3	X	X	○	X
	S5	X	X	✓	X
	S7	X	X	✓	X
Zortrax	M300 Dual	X	○	○	○
	Endureal	○	○	○	○
3DGence	F421	X	○	○	○

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

○ To be validated

X Not compatible

Reinforced Line

Machine brand	Machine type	<u>PET</u> <u>CF15</u>	<u>PAHT</u> <u>CF15</u>	<u>PP</u> <u>GF30</u>	<u>PA6</u> <u>GF30</u>	<u>PC</u> <u>GF30</u>
Bambu Lab	P1P	○	○	○	○	×
	P1S	○	○	○	○	×
	X1-Carbon	○	○	○	○	○
BCN3D	Sigma R19	✓	✓	✓	✓	×
	Sigmax R19	✓	✓	✓	✓	×
	Epsilon W27	✓	✓	✓	✓	×
	Epsilon W50	✓	✓	✓	✓	×
BigRep	ONE	✓	×	×	×	×
	Studio G2	✓	○	×	○	×
Intamsys	Funmat Pro 410	○	○	○	○	○
	Funmat Pro 610HT	○	○	○	○	○
Prusa	Mk3	✓	✓	✓	✓	×
	Mk3s	✓	✓	✓	✓	×
Raise3d	E2	○	○	○	○	○
	Pro2	✓	✓	✓	✓	✓
	Pro3	✓	✓	✓	✓	✓
	Pro3 hyper speed	○	○	○	○	○
Ultimaker	2+ Connect	×	×	×	×	×
	3	○	○	○	○	○
	S3	✓	✓	✓	✓	✓
	S5	✓	✓	✓	✓	✓
	S7	✓	✓	✓	✓	✓
Zortrax	M300 Dual	✓	✓	✓	○	○
	Endureal	○	○	○	○	○
3DGence	F421	○	○	○	○	○

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

○ To be validated

×

Not compatible

High Temperature

Machine brand	Machine type	PPSU
Bambu Lab	P1P	X
	P1S	X
	X1-Carbon	X
BCN3D	Sigma R19	X
	Sigmax R19	X
	Epsilon W27	X
	Epsilon W50	X
BigRep	ONE	X
	Studio G2	X
Intamsys	Funmat Pro 410	X
	Funmat Pro 610HT	✓
Minifactory	Ultra	✓
Prusa	Mk3	X
	Mk3s	X
Raise3d	E2	X
	Pro2	X
	Pro3	X
	Pro3 hyper speed	X
Ultimaker	2+ Connect	X
	3	X
	S3	X
	S5	X
	S7	X
Zortrax	M300 Dual	X
	Endureal	✓
3DGence	F421	✓

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

○ To be validated

X Not compatible

Support Line

Machine brand	Machine type	HiPS	BVOH
Bambu Lab	P1P	O	O
	P1S	O	O
	X1-Carbon	O	O
BCN3D	Sigma R19	✓	✓
	Sigmax R19	✓	✓
	Epsilon W27	✓	✓
	Epsilon W50	✓	✓
BigRep	ONE	O	✓
	Studio G2	O	✓
Intamsys	Funmat Pro 410	✓	O
	Funmat Pro 610HT	O	O
Prusa	Mk3	✓	O
	Mk3s	✓	O
Raise3d	E2	O	✓
	Pro2	✓	✓
	Pro3	✓	✓
	Pro3 hyper speed	O	O
Ultimaker	2+ Connect	✓	O
	3	O	O
	S3	✓	✓
	S5	✓	✓
	S7	✓	O
Zortrax	M300 Dual	O	✓
	Endureal	O	O
3DGence	F421	O	O

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

O To be validated

X Not compatible

Metal Line

Machine brand	Machine type	<u>316L</u>	<u>17-4 PH</u>	<u>Support Layer</u>
Bambu Lab	P1P	○	○	○
	P1S	○	○	○
	X1-Carbon	○	○	○
BCN3D	Sigma R19	○	○	○
	Sigmax R19	✓	✓	✓
	Epsilon W27	✓	✓	✓
	Epsilon W50	✓	✓	✓
Intamsys	Funmat Pro 410	○	○	○
	Funmat Pro 610HT	○	○	○
Prusa	Mk3	✓	✓	✗
	Mk3s	✓	✓	✗
Raise3d	E2	✗	✗	✗
	Pro2	✓	✓	✓
	Pro3	✓	✓	✓
	Pro3 hyper speed	✗	✗	✗
	Forge1	✓	✓	✓
Ultimaker	2+ Connect	✗	✗	✗
	3	✓	✓	✓
	S3	✓	✓	✓
	S5	✓	✓	✓
	S7	✓	✓	✓
Zortrax	M300 Dual	✓	✓	✓
	Endureal	✓	✓	✓

✓ Compatible (Available from Printer Manufacturer)

✓ Compatible (Available from Forward AM)

HS High Speed Print Profile Available

○ To be validated

✗ Not compatible