

# FUSION3 CERTIFIED MATERIALS LIST

as of May 20, 2019

Fusion3 3D printers are only compatible with 1.75MM filament; Items highlighted in orange are new additions

PLA	BRAND	NAME	NOTES	SIMPLIFY3D PROFILE TO USE							DIFFICULTY	BED PREP (Layers of Glue Stick)	
				F306	F400-S (4MM)	F400-S (6MM)	F400-HFR	F410 (4MM)	F410 (6MM)	F410 (8MM)		F306 / F400	F410
Amazon	PLA			F306_PLA	F400_0.4_Amazon-PLA	F400_0.6_Amazon-PLA	F400_HFR_CAmazon-PLA	F410_0.4C_Amazon-PLA	F410_0.6C_Amazon-PLA	F410_0.8C_Amazon-PLA	Easy	1	1
Atomic Filament	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
BuMat	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Casius Tech	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
COEX	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_COEX-PLA	F400_HFR_CCOEX-PLA	F410_0.4C_COEX-PLA	F410_0.6C_COEX-PLA	F410_0.8C_COEX-PLA	Easy	1	1
ColorFabb	PLA/PHA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Filaments.ca	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Hatchbox	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
IC3D	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
JustPLA	JustPLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Keene Village Plastics	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
MakeShaper	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
MakeShaper	PLA/PHA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Meltink	PLA/PHA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	1	1
Meltink	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Ultimachine	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Verbatim	PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
<b>SPECIALTY PLA</b>													
3D4Makers	Facilian C8			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
3D-Fuel	APLA (Advanced PLA)			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
3D-Fuel	Pro PLA (v2)			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
3DXTech	CarbonX CF-PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	1	1
3DXTech	ESD-PLA	Electrostatic Discharge		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Atomic Filament	CF-PLA	Carbon Fiber Reinforced		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Atomic Filament	GTID PLA	Glow-In-The-Dark		F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400_HFR_CCFPLA	F410_0.4C_CFPLA	F410_0.6C_CFPLA	F410_0.8C_CFPLA	Medium	1	1
ColorFabb	GlowFill	Glow-In-The-Dark		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
ColorFabb	Woodfill	Wood Filled		F306_WoodFill	F400_0.4_WoodFill	F400_0.6_WoodFill	F400_HFR_CWoodFill	F410_0.4C_WoodFill	F410_0.6C_WoodFill	F410_0.8C_WoodFill	Hard	1	1
Essentium	PLA XTR	Less brittle, stronger		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_Essentium-PLAXTR	F410_0.6C_Essentium-PLAXTR	F410_0.8C_Essentium-PLAXTR	Easy	1	1
eSUN	PLA+			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Fillkimp	PLA-N			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Filaments.ca	CF-PLA	Carbon Fiber Reinforced		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Filaments.ca	TRUE Food Safe PLA	Food safe		F306_PLA	F400_0.4_PLA	F400_0.6_FilaCa-FSPLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_FilaCa-FSPLA	Medium	1	1
FormFutura	EasyFill PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
FormFutura	MetalFil			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Hard	1	1
Keene Village Plastics	Performance PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
MadMaker	PLA+			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
MakeShaper	Elite Fiber PLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
MakeShaper	CF-PLA	Carbon Fiber Reinforced		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Proto-Pasta	Carbon Fiber PLA	Carbon Fiber Reinforced		F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400_HFR_CCFPLA	F410_0.4C_CFPLA	F410_0.6C_CFPLA	F410_0.8C_CFPLA	Medium	1	1
Proto-Pasta	Composite Conductive PLA	Electrically Conductive (2-3kohm)		n/a	F400_0.4_ProtoP-PLACC	F400_0.6_ProtoP-PLACC	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_ProtoP-PLACC	F410_0.8C_PLA	Medium	1	1
Proto-Pasta	Copper PLA	Copper (Metal) Reinforced		n/a	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	1	1
Proto-Pasta	HTPLA	High Temperature Resistance		n/a	F400_0.4_PLA	F400_0.6_ProtoP-HTPLA	F400_HFR_CPLA	F410_0.4C_ProtoP-HTPLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	1	1
Proto-Pasta	Brass-Filled HTPLA	Brass (Metal) Reinforced		n/a	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_ProtoP-BrassPLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	1	1
Proto-Pasta	Bronze-Filled HTPLA	Bronze (Metal) Reinforced		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_ProtoP-BronzePLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	1	1
Proto-Pasta	Iron-Filled PLA	Iron (Metal) Reinforced		F306_PLA	F400_0.4_ProtoP-IronPLA	F400_0.6_ProtoP-IronPLA	F400_HFR_CPLA	F410_0.4C_ProtoP-IronPLA	F410_0.6C_ProtoP-IronPLA	F410_0.8C_ProtoP-IronPLA	Hard	1	1
Taulman3D	InPLA			F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Ziro3D	CF-PLA	Carbon Fiber Reinforced		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400_HFR_CPLA	F410_0.4C_Ziro-CFPLA	F410_0.6C_Ziro-CFPLA	F410_0.8C_Ziro-CFPLA	Easy	1	1
<b>ABS</b>													
3DXTech	ABS			F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
3DXTech	ABS Scent	Transparent		n/a	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Amazon	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Atomic Filament	ABS			F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
COEX	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_COEX-ABS	F400_HFR_CCOEX-ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Filaments.ca	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
FormFutura	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Hatchbox	ABS			n/a	F400_0.4_HatchABS	F400_0.6_HatchABS	F400_HFR_CHatchABS	F410_0.4C_HatchABS	F410_0.6C_HatchABS	F410_0.8C_HatchABS	Medium	3	3
IC3D	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Keene Village Plastics	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
MakeShaper	ABS			F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
MatterHackers	Pro ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Meltink	ABS			F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Push Plastic	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Ultimachine	ABS			F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Verbatim	ABS			n/a	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
<b>SPECIALTY/INFUSED ABS</b>													
3DXTech	"CarbonX" CFR-ABS	Carbon Fiber Reinforced		F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
3DXTech	ESD-ABS	Electrostatic Discharge		F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
3DXTech	3DMax PC-ABS	Polycarbonate/ABS Blend		n/a	F400_0.4_3DXTechPC-ABS	F400_0.6_3DXTechPC-ABS	F400_HFR_ABS	F410_0.4C_3DXTechPC-ABS	F410_0.6C_3DXTechPC-ABS	F410_0.8C_3DXTechPC-ABS	Hard	2	2
Atomic Filament	CF-ABS	Carbon Fiber Reinforced		F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Filaments.ca	CF-ABS	Carbon Fiber Reinforced		F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Easy	3	3
Premix	Preprip ABS550	Dielectric / Low Loss (5.5er)		n/a	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Hard	3	3
Premix	Preprip ABS300	Dielectric / Low Loss (3.0er)		n/a	F400_0.4_ABS	F400_0.6_ABS	F400_HFR_ABS	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Hard	3	3
Proto-P													

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BRAND	NAME	NOTES	SIMPLIFY3D PROFILE TO USE							DIFFICULTY	BED PREP (Layers of Glue Stick)	
			F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	F410 (.4MM)	F410 (.6MM)	F410 (.8MM)		F306 / F400	F410
<b>ASA</b>												
3DXMax	ASA			F400_0.4_ASA	F400_0.6_ASA	F400_HFR_CASA	F410_0.4C_ASA	F410_0.6C_ASA	F410_0.8C_ASA	Easy	3	3
Filaments.ca	ASA			F400_0.4_ASA	F400_0.6_ASA	F400_HFR_CASA	F410_0.4C_ASA	F410_0.6C_ASA	F410_0.8C_ASA	Easy	3	3
Filamentum	ASA			F400_0.4_ASA	F400_0.6_ASA	F400_HFR_CASA	F410_0.4C_ASA	F410_0.6C_ASA	F410_0.8C_ASA	Easy	3	3
MakeShaper	ASA			F400_0.4_ASA	F400_0.6_ASA	F400_HFR_CASA	F410_0.4C_ASA	F410_0.6C_ASA	F410_0.8C_ASA	Easy	3	3
Toner Plastics	ASA			F400_0.4_ASA	F400_0.6_ASA	F400_HFR_CASA	F410_0.4C_ASA	F410_0.6C_ASA	F410_0.8C_ASA	Easy	3	3
<b>SPECIALTY ASA</b>												
3DXTech	PC-ASA	Polycarbonate/ASA Blend		F400_0.4_3DXTechPC-ASA	F400_0.6_3DXTechPC-ASA	F400_HFR_C3DXTechPC-ASA	F410_0.4C_PC-ASA	F410_0.6C_PC-ASA	F410_0.8C_PC-ASA	Medium	3	3
<b>PETG / PET</b>												
3DXTech	Max-G PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Medium	2	2
Amazon	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Medium	2	2
Atomic Filament	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Easy	2	2
COEX	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Easy	2	2
E3D Online	Edge		F306_Edge	F400_0.4_Edge	F400_Edge_0.6	F400_HFR_CEdge	F410_0.4C_Edge	F410_0.6C_Edge	F410_0.8C_Edge	Medium	2	2
Filaments.ca	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Easy	2	2
Hatchbox	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Medium	2	2
IC3D	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Medium	2	2
Keene Village Plastics	PETG		n/a	F400_0.4_KVP_PETG	F400_0.6_KVP_PETG	F400_HFR_CKVP_PETG	F410_0.4C_KVP_PETG	F410_0.6C_KVP_PETG	F410_0.8C_KVP_PETG	Easy	2	2
MakeShaper	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Easy	2	2
Push Plastic	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Easy	2	2
Taulman3D	T-Glase		F306_TGlase	F400_0.4_T-Glase	F400_T-Glase_0.6	F400_HFR_CT-Glase	F410_0.4C_T-Glase	F410_0.6C_T-Glase	F410_0.8C_T-Glase	Medium	2	2
Toner Plastics	PETG		F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400_HFR_CPETG	F410_0.4C_PETG	F410_0.6C_PETG	F410_0.8C_PETG	Easy	2	2
Verbatim	PET		F306_PET	F400_0.4_PET	F400_0.6_PET	F400_HFR_CPET	F410_0.4C_PET	F410_0.6C_PET	F410_0.8C_PET	Easy	2	2
<b>SPECIALTY PETG</b>												
3DXTech	"CarbonX" CFR-PETG	Carbon Fiber Filled	n/a	F400_0.4_CFR-PETG	F400_0.6_CFR-PETG	F400_HFR_CCFR-PETG	F410_0.4C_CFR-PETG	F410_0.6C_CFR-PETG	F410_0.8C_CFR-PETG	Hard	2	2
3DXTech	3DXStat ESD-PETG	Electrostatic Discharge	n/a	F400_0.4_3DXTECHESD-PETG	F400_0.6_3DXTECHESD-PETG	F400_HFR_C3DXTECHESD-PETG	F410_0.4C_3DXTECHESD-PETG	F410_0.6C_3DXTECHESD-PETG	F410_0.8C_3DXTECHESD-PETG	Medium	2	2
3DXTech	Thermax GT		n/a	F400_0.4_3DXTechThermaxGT	F400_0.6_3DXTechThermaxGT	F400_HFR_C3DXTechThermaxGT	F410_0.4C_3DXTechThermaxGT	F410_0.6C_3DXTechThermaxGT	F410_0.8C_3DXTechThermaxGT	Hard	2	2
Atomic Filament	CF-PETG	Carbon Fiber Reinforced	n/a	F400_0.4_CFR-PETG	F400_0.6_CFR-PETG	F400_HFR_CCFR-PETG	F410_0.4C_CFR-PETG	F410_0.6C_CFR-PETG	F410_0.8C_CFR-PETG	Easy	2	2
<b>NYLON</b>												
3DXTech	Ion Nylon Alloy		n/a	F400_0.4_IonNylonAlloy	F400_0.6_IonNylonAlloy	F400_HFR_CIonNylonAlloy	F410_0.4C_IonNylon	F410_0.6C_IonNylon	F410_0.8C_IonNylon	Medium	3	3
Breath3DP	CF Nylon	Carbon Fiber Reinforced	F306_CFNylon	F400_0.4_CFNylon	F400_0.6_CFNylon	F400_HFR_CCFNylon	F410_0.4C_CFNylon	F410_0.6C_CFNylon	F410_0.8C_CFNylon	Hard	4	4
Filaments.ca	CF Nylon	Carbon Fiber Reinforced	F306_CFNylon	F400_0.4_CFNylon	F400_0.6_CFNylon	F400_HFR_CCFNylon	F410_0.4C_CFNylon	F410_0.6C_CFNylon	F410_0.8C_CFNylon	Hard	4	4
Filaments.ca	PA-12		n/a	F400_0.4_NylonPA12	F400_0.6_NylonPA12	F400_HFR_CNylonPA12	F410_0.4C_NylonPA12	F410_0.6C_NylonPA12	F410_0.8C_NylonPA12	Hard	3	3
MatterHackers	NylonX	Carbon Fiber Reinforced	n/a	F400_0.4_NylonX	F400_0.6_NylonX	F400_HFR_CNylonX	F410_0.4C_NylonX	F410_0.6C_NylonX	F410_0.8C_NylonX	Medium	4	4
Taulman3D	Alloy 910		F306_A910	F400_0.4_A910	F400_0.6_A910	F400_HFR_CAlloy910	F410_0.4C_Alloy910	F410_0.6C_Alloy910	F410_0.8C_Alloy910	Medium	1	1
Taulman3D	Bridge Nylon		F306_Bridge	F400_0.4_Bridge	F400_0.6_Bridge	F400_HFR_CBridge	F410_0.4C_Bridge	F410_0.6C_Bridge	F410_0.8C_Bridge	Medium	2	2
Taulman3D	Nylon 645		F306_Nylon645	F400_0.4_Nylon645	F400_0.6_Nylon645	F400_HFR_CNylon645	F410_0.4C_Nylon645	F410_0.6C_Nylon645	F410_0.8C_Nylon645	Hard	2	2
Taulman3D	Nylon 680		F306_Nylon680	F400_0.4_Nylon680	F400_0.6_Nylon680	F400_HFR_CNylon680	F410_0.4C_Nylon680	F410_0.6C_Nylon680	F410_0.8C_Nylon680	Medium	2	2
Treed	Carbonium	Carbon Fiber Reinforced	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFR_CTreed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	4	4
<b>FLEXIBLE (TPU / TPE)</b>												
Filaments.ca	TPU (90A)		n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	F400_HFR_CMakeshaper TPU	F410_0.4C_Flexible	F410_0.6C_Flexible	F410_0.8C_Flexible	Hard	2	2
Filamentum	Flexfill 98A		n/a	F400_0.4_Semiflex	F400_0.6_Semiflex	F400_HFR_CSemiflex	F410_0.4C_Semiflex	F410_0.6C_Semiflex	F410_0.8C_Semiflex	Hard	2	2
MakeShaper	Flexible TPU (85A)		n/a	F400_0.4_Flexible	F400_0.6_Flexible	F400_HFR_CFlexible	F410_0.4C_Flexible	F410_0.6C_Flexible	F410_0.8C_Flexible	Hard	2	2
MakeShaper	Semi-Flexible TPU (95A)		n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	F400_HFR_CMakeshaper TPU	F410_0.4C_Flexible	F410_0.6C_Flexible	F410_0.8C_Flexible	Hard	2	2
NinjaTech	Cheetah		n/a	F400_0.4_Cheetah	F400_0.6_Cheetah	F400_HFR_CCheetah	F410_0.4C_Cheetah	F410_0.6C_Cheetah	F410_0.8C_Cheetah	Medium	2	2
NinjaTech	SemiFlex		n/a	F400_0.4_Semiflex	F400_0.6_Semiflex	F400_HFR_CSemiflex	F410_0.4C_Semiflex	F410_0.6C_Semiflex	F410_0.8C_Semiflex	Hard	2	2
PolyMaker	TPU95 (Was Polyflex)		n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	F400_HFR_CMakeshaper TPU	F410_0.4C_Flexible	F410_0.6C_Flexible	F410_0.8C_Flexible	Hard	2	2
Taulman3D	PCTPE		F306_PCTPE	F400_0.4_PCTPE	F400_0.6_PCTPE	F400_HFR_CPCTPE	F410_0.4C_PCTPE	F410_0.6C_PCTPE	F410_0.8C_PCTPE	Medium	2	2
<b>OTHER CO-POLYESTERS</b>												
ColorFabb	HT		n/a	F400_0.4_HT	F400_0.6_HT	F400_HFR_CHT	F410_0.4C_HT	F410_0.6C_HT	F410_0.8C_HT	Hard	2	2
ColorFabb	HT Clear		n/a	F400_0.4_HT	F400_0.6_HT	F400_HFR_CHT	F410_0.4C_HT	F410_0.6C_HT	F410_0.8C_HT	Hard	2	2
ColorFabb	nGen		F306_nGen	F400_0.4_nGen	F400_0.6_nGen	F400_HFR_CnGen	F410_0.4C_nGen	F410_0.6C_nGen	F410_0.8C_nGen	Medium	2	2
ColorFabb	XT		n/a	F400_0.4_XT	F400_0.6_XT	F400_HFR_CXT	F410_0.4C_XT	F410_0.6C_XT	F410_0.8C_XT	Hard	2	2
ColorFabb	XT-CF20		F306_XT-CF20	F400_0.4_XT-CF20	F400_0.6_XT-CF20	F400_HFR_CXT-CF20	F410_0.4C_XT-CF20	F410_0.6C_XT-CF20	F410_0.8C_XT-CF20	Hard	2	2
<b>HIPS</b>												
Ultimachine	HIPS		F306_HIPS	F400_0.4_HIPS	F400_0.6_HIPS	F400_HFR_CHIPS	F410_0.4C_HIPS	F410_0.6C_HIPS	F410_0.8C_HIPS	Hard	2	2

# FUSION3 CERTIFIED MATERIALS LIST

as of May 20, 2019

Fusion3 3D printers are only compatible with 1.75MM filament; Items highlighted in orange are new additions

BRAND	NAME	NOTES	SIMPLIFY3D PROFILE TO USE							DIFFICULTY	BED PREP (Layers of Glue Stick)	
			F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	F410 (.4MM)	F410 (.6MM)	F410 (.8MM)		F306 / F400	F410
<b>POLYCARBONATE</b>												
3DXTech	ESD Safe PC		n/a	F400_0.4_PC	F400_0.6_PC	F400-HFRC_PC	F410_0.4C_PC	F410_0.6C_PC	F410_0.8C_PC	Hard	2	2
COEX	Polycarbonate		n/a	F400_0.4_PC	F400_0.6_PC	F400-HFRC_PC	F410_0.4C_PC	F410_0.6C_PC	F410_0.8C_PC	Medium	2	2
Filaments.ca	"Easy" PC		n/a	F400_0.4_EasyPC	F400_0.6_EasyPC	F400-HFR_EasyPC	F410_0.4C_EasyPC	F410_0.6C_EasyPC	F410_0.8C_EasyPC	Hard	2	2
Keene Village Plastics	Polycarbonate		n/a	F400_0.4_PC	F400_0.6_PC	F400-HFRC_PC	F410_0.4C_PC	F410_0.6C_PC	F410_0.8C_PC	Hard	2	2
Polymaker	PolyMax PC		n/a	F400_0.4_PC	F400_0.6_PC	F400-HFRC_PC	F410_0.4C_PC	F410_0.6C_PC	F410_0.8C_PC	Hard	2	2
Piline	Carbon Fiber PC	Carbon Fiber Reinforced	n/a	F400_0.4_PC	F400_0.6_PC	F400-HFRC_PC	F410_0.4C_PC	F410_0.6C_PC	F410_0.8C_PC	Medium	2	2
Push Plastic	PC/PBT		n/a	F400_0.4_PCPBT	F400_0.6_PCPBT	F400-HFRC_PCPBT	F410_0.4C_PCPBT	F410_0.6C_PCPBT	F410_0.8C_PCPBT	Medium	2	2
Ultimachine	Polycarbonate		F306_PC	F400_0.4_PC	F400_0.6_PC	F400-HFRC_PC	F410_0.4C_PC	F410_0.6C_PC	F410_0.8C_PC	Hard	2	2
<b>OTHER</b>												
Polymaker	Polycast	Investment casting	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFRC_PLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Easy	1	1
Polymaker	Polysmooth		F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFRC_PLA	F410_0.4C_PLA	F410_0.6C_PLA	F410_0.8C_PLA	Medium	2	2
Treed	Architectural: Brick	Brick Infused	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFRC_Treed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	3	3
Treed	Architectural: Clay	Clay Infused	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFRC_Treed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	3	3
Treed	Architectural: Caementum	Concrete Powder Infused	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFRC_Treed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	3	3
Treed	Architectural: Dark Stone	Stone Infused	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFRC_Treed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	3	3
Treed	Architectural: Monumental	Marble-Like	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFRC_Treed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	3	3
Treed	Architectural: Sandy	Sand Infused	n/a	F400_0.4_Treed-Architect	F400_0.6_Treed-Architect	F400_HFRC_Treed-Architect	F410_0.4C_ABS	F410_0.6C_ABS	F410_0.8C_ABS	Medium	3	3