

FUSION3 CERTIFIED MATERIALS LIST

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Items in orange are new additions
Please ONLY use materials on this list & use Fusion3's provided settings to avoid damage not covered under your warranty
Fusion3 printers are ONLY compatible with 1.75mm filament.

BRAND	NAME	FEATURES	PRINT SURFACE	BED PREP	EXPERTISE REQUIRED	PRINTER COMPATIBILITY	F3SLIC3R PROFILE TO USE		
							F400	F410	EDGE
ABS									
3DXTech	"CarbonX" Carbon Fiber ABS	Carbon fiber reinforced	glass	3 layers gluestick	Experienced	F400, F410, EDGE		ABS family	ABS family
3DXTech	3DXSTAT ESD ABS	Electrostatic discharge-safe	glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
3DXTech	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Amazon Basics	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Atomic Filament	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Atomic Filament	Carbon fiber ultra black ABS	Carbon fiber reinforced	glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
BASF InnoFil3D	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
COEX	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Filaments.ca	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Filaments.ca	Carbon fiber ABS	Carbon fiber reinforced	glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
FormFutura	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
IC3D	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Keene Village Plastics	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Kimya	ABS CARBON	Carbon fiber reinforced	glass	3 layers gluestick	Pro	F400, F410, EDGE		ABS family	ABS family
Kimya	ABS KEVLAR	Kevlar fiber reinforced	glass	3 layers gluestick	Pro	F400, F410, EDGE		ABS family	ABS family
Kimya	ABS ESD	Electrostatic discharge-safe	glass	3 layers gluestick	Pro	F400, F410, EDGE		ABS family	ABS family
MatterHackers	MH Build series ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
MatterHackers	Pro series ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Octave	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Premix	Preperm ABS300	Dielectric/low loss (3.0er)	glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Premix	Preperm ABS550	Dielectric/low loss (5.5er)	glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Push Plastic	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Ultimachine	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
Verbatim	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE		ABS family	ABS family
ASA									
3DXTech	3DXMAX ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE		ASA family	ASA family
3DXTech	CarbonX ASA+CF	Carbon fiber reinforced	glass	3 layers gluestick	Experienced	F400, F410, EDGE		ASA family	ASA family
Filaments.ca	ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE		ASA family	ASA family
Filamentum	ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE		ASA family	ASA family
FormFutura	ApolloX		glass	3 layers gluestick	Novice	F400, F410, EDGE		ASA family	ASA family
Push Plastic	ASA		glass	3 layers gluestick	Experienced	F400, F410, EDGE		ASA family	ASA family
Toner Plastics	ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE		ASA family	ASA family
CO-POLYESTERS									
ColorFabb	HT	Tg of 100C	glass	2 layers gluestick	Experienced	F400, F410, EDGE		CoPoly	CoPoly
ColorFabb	HT Clear		glass	2 layers gluestick	Experienced	F400, F410, EDGE		CoPoly	CoPoly
ColorFabb	nGen	Lower temperature, easier to print	glass	2 layers gluestick	Experienced	F400, F410, EDGE		CoPoly	CoPoly
ColorFabb	XT	FDA food contact safe, BPA free, high strength	glass	2 layers gluestick	Experienced	F400, F410, EDGE		CoPoly	CoPoly
ColorFabb	XT-CF20	Carbon fiber reinforced 20%	glass	2 layers gluestick	Pro	F400, F410, EDGE		CoPoly	CoPoly
FLEXIBLE									
Filamentum	Flexfil 99A	High tensile strength, high tear resistance	glass	2 layers gluestick	Pro	F400, F410, EDGE		unavailable in USA	
Filaments.ca	TPU 91A	91A shore hardness	glass	2 layers gluestick	Pro	F400, F410, EDGE		Flexible family	Flexible family
Keene Village Plastics	Semper-Flexx98	98A shore hardness	glass	2 layers gluestick	Pro	F400, F410, EDGE		KVPSemperFlexx98	KVPSemperFlexx98
NinjaTech	Armadillo	Semi-flexible high abrasion resistance	glass	2 layers gluestick	Pro	F400, F410, EDGE		Armadillo	Armadillo
NinjaTech	Cheetah	Relatively easy to print flexible	glass	2 layers gluestick	Experienced	F400, F410, EDGE		Cheetah	Cheetah
Xtellar/Taulman	PCTPE	high tensile strength, semiflexible	glass	2 layers gluestick	Experienced	F410, EDGE	n/a	PCTPE	PCTPE
HIPS									
Keene Village Plastics	HIPS	Chemically soluble in limonene.	glass	3 layers gluestick	Experienced	F400, F410, EDGE		HIPS family	HIPS family
Ultimachine	HIPS	Chemically soluble in limonene.	glass	3 layers gluestick	Experienced	F400, F410, EDGE		HIPS family	HIPS family
NYLON									
Atomic Filament	Carbon Fiber Nuclear Nylon V3	Carbon fiber reinforced	glass	2 layers gluestick	Pro	F400, F410, EDGE		AtomicNuclearNylonPA-CF	AtomicNuclearNylonPA-CF
ColorFabb	PA-CF Low Warp	Carbon fiber reinforced	glass	2 layers gluestick	Pro	F400, F410, EDGE		Colorfabb_PA-CF	Colorfabb_PA-CF
Filaments.ca	Heavy Duty Carbon Fiber Nylon	Carbon fiber reinforced	glass	4 layers gluestick	Pro	F400, F410, EDGE		waiting on material	
Filaments.ca	Nylon-PA12	Lower moisture absorption than nylon-6, UV-resistant	glass	4 layers gluestick	Pro	F400, F410, EDGE		no longer available	
Keene Village Plastics	Nylon		glass	2 layers gluestick	Experienced	F400, F410, EDGE		KVPNylon	KVPNylon
MatterHackers	NylonG	Fiberglass reinforced	glass	4 layers gluestick	Experienced	F400, F410, EDGE		MHNylonX	MHNylonX
MatterHackers	NylonX	Carbon fiber reinforced	glass	4 layers gluestick	Experienced	F400, F410, EDGE		MHNylonX	MHNylonX
MatterHackers	Pro Nylon		glass	4 layers gluestick	Experienced	F400, F410, EDGE		MHProNylon	MHProNylon
Polymaker	PolyMide PA6-CF	Carbon fiber reinforced	glass	4 layers gluestick	Pro	F400, F410, EDGE		Polymaker_Polyamide_PA6-CF	Polymaker_Polyamide_PA6-CF
Polymaker	PolyMide PA6-GF	Fiberglass reinforced	glass	4 layers gluestick	Pro	F400, F410, EDGE		Polymaker_Polyamide_PA6-CF	Polymaker_Polyamide_PA6-CF
Xtellar/Taulman	Alloy 910	90C Tg, high tensile strength, good printability	glass	4 layers gluestick	Experienced	F400, F410, EDGE		Alloy910	Alloy910
Xtellar/Taulman	GF-Alloy910	Glass fiber-reinforced	glass	2-3 layers gluestick	Experienced	EDGE	n/a	n/a	Alloy910
Xtellar/Taulman	CF-Alloy910	Carbon fiber-reinforced	glass	2-3 layers gluestick	Experienced	EDGE	n/a	n/a	Alloy910
Xtellar/Taulman	Bridge Nylon	Similar to 645 but easier to print; low moisture absorption	glass	4 layers gluestick	Pro	F400, F410, EDGE		Bridge	Bridge
Xtellar/Taulman	Nylon 645	High strength, very flexible, very difficult to print	glass	4 layers gluestick	Pro	F400, F410, EDGE		Nylon645	Nylon645
Xtellar/Taulman	Nylon 680	FDA food contact safe	glass	4 layers gluestick	Pro	F400, F410, EDGE		Nylon680	Nylon680
Treed	Carbonium		glass	3 layers gluestick	Experienced	F400, F410, EDGE		TREEDCARBONIUMNylon	TREEDCARBONIUMNylon
OTHER / MISC									
BASF	Ultrafuse 316L	316 SS filled filament that can be used to print 100% metal parts with post-process sintering	kapton	none	Pro	EDGE	n/a	n/a	BASF_316LX
Polymaker	Polysmooth	Can be smoothed with acetone after printing	glass	1 layer gluestick	Experienced	F400, F410, EDGE			
Treed	Architectural: Brick	Decorative material similar to ABS, brick powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE		not available in USA	
Treed	Architectural: Clay	Decorative material similar to ABS, clay powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE		not available in USA	
Treed	Architectural: Caermentum	Decorative material similar to ABS, cement powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE		not available in USA	
Treed	Architectural: Dark Stone	Decorative material similar to ABS, stone powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE		not available in USA	
Treed	Architectural: Monumental	Decorative material similar to ABS, marble-like powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE		not available in USA	
Treed	Architectural: Sandy	Decorative material similar to ABS, sand-like powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE		not available in USA	
PETG									

3DXTech	MAX-G PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE	MAX-G	PETG family
3DXTech	3DXStat ESD-PETG	Electrostatic discharge-safe	glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
3DXTech	CarbonX Carbon Fiber PETG	Carbon fiber filled	glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Amazon	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Atomic Filament	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Atomic Filament	Carbon Fiber PETG	Carbon fiber filled	glass	2 layers gluestick	Pro	F400, F410, EDGE		AtomicCFPETG
BASF Innofil3D	PET		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
COEX	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
E3D Spoolworks	Edge PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Filaments.ca	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
IC3D	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Keene Village Plastics	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Push Plastic	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Xtellar/Taulman3D	Guideline	High Tg, FDA safe in raw form	glass	2 layers gluestick	Pro	F400, F410, EDGE	unavailable - discontinued	
Xtellar/Taulman3d	T-Glase	Low Tg, FDA safe in raw form	glass	2 layers gluestick	Pro	F400, F410, EDGE	T-Glase	T-Glase
Xtellar/Taulman3d	Tech-G		glass	2 layers gluestick	Pro	F410, EDGE	Tech-G	Tech-G
Toner Plastics	PETG		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family
Verbatim	PET		glass	2 layers gluestick	Pro	F400, F410, EDGE		PETG family

PLA								
3D-Fuel	Pro PLA v2	"Higher tensile strength than ABS, higher impact strength than ABS"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
3D-Fuel	Workaday PLA	"Stronger & more heat resistant than normal PLA"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
3D4Makers	Facilian C8	"Higher tensile strength than ABS, higher impact strength than ABS"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
3DXTECH	3DXSTAT ESD PLA	Electrostatic discharge-safe	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
3DXTECH	CarbonX Carbon Fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
3DXTECH	EXOMAX PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Amazon Basics	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Amolen	Temp Color Change PLA	Changes color when heated above 33C	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Atomic Filament	Carbon Fiber Extreme PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Atomic Filament	Glow in the Dark PLA	Glow in the dark (highly abrasive)	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Atomic Filament	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
BASF Innofil3D	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
BuMat	Elite High Speed PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Casius Tech	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
COEX	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
ColorFabb	GlowFill	Glow in the dark (highly abrasive)	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
ColorFabb	PLA/PHA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
ColorFabb	Woodfill	Wood particle filled	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Essentium	PLA XTR	"Decreased brittleness, superior tensile strength, better impact resists"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
eSUN	PLA+3D		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Filaments.ca	Carbon Fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Filaments.ca	Tough PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Filaments.ca	TRUE Food Safe PLA	"Food safe (FDA approved raw materials)"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Filker	PLA 881N		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Flenstech	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
FormFutura	EasyFill PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
FormFutura	MetalFil - Ancient Bronze	80% metal powder	glass	1 layer gluestick	Pro	F400, F410, EDGE	PLA family	PLA family
FormFutura	MetalFil - Classic Copper	80% metal powder	glass	1 layer gluestick	Pro	F400, F410, EDGE	PLA family	PLA family
Hatcbox	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
IC3D	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
JustPLA	JustPLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Keene Village Plastics	Performance PLA	"high heat, high impact grade PLA"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Keene Village Plastics	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
MadMaker	PLA+		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
MatterHackers	PRO Series Tough PLA	"Engineered for strength and durability"	glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Meltink	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Meltink	PLA/PHA		glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Octave	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	Brass filled HTPLA	Brass filled	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	Bronze filled HTPLA	Bronze filled	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	Carbon Fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	Composite Conductive PLA		glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	Copper PLA		glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	HTPLA	"high temperature resistance"	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
ProtoPasta	Iron filled PLA	Iron filled	glass	1 layer gluestick	Pro	F400, F410, EDGE	PLA family	PLA family
Push Plastic	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Sainsmart	PRO-3 Series PLA		glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Ultimachine	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Verbatim	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family
Ziro3D	Carbon fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE	PLA family	PLA family
Ziro3d	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE	PLA family	PLA family

POLYCARBONATE								
3DXTECH	3DXMAX PC/ABS	Polycarbonate/ABS blend, primarily PC	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
3DXTECH	3DXSTAT ESD PC	Electrostatic discharge-safe	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
3DXTECH	3DXMAX PC		glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
3DXTECH	CarbonX CF-PC	carbon-fiber reinforced	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
3DXTECH	ezPC	"easy to print" polycarbonate	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
COEX	Polycarbonate		glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
Filaments.ca	"Easy" PC		glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
Keene Village Plastics	Polycarbonate		glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
Polymaker	Polymax PC		glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
Priline	Carbon Fiber PC	Carbon fiber reinforced	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
ProtoPasta	PC-ABS	Polycarbonate/ABS blend	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family
Push Plastic	PC+PBT	Blend of Polycarbonate and PBT; Tg 109C	glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC-PBT	PC-PBT
Ultimachine	PC		glass	3 layers gluestick / Magigoo PC	Pro	F400, F410, EDGE	PC family	PC family

POLYPROPYLENE									
Treed	Plene 5		polypropylene sheet	Magigoo PP	Pro	EDGE	n/a	n/a	Polypropylene family