

## FUSION3 CERTIFIED MATERIALS LIST

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Items in orange are new additions  
Please ONLY used 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
<b>ABS</b>						
3DXTech	"CarbonX" Carbon Fiber ABS	Carbon fiber reinforced	glass	3 layers gluestick	Novice	F400, F410, EDGE
3DXTech	3DXSTAT ESD ABS	Electrostatic discharge-safe	glass	3 layers gluestick	Novice	F400, F410, EDGE
3DXTech	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Amazon Basics	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Atomic Filament	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Atomic Filament	Carbon fiber ultra black ABS	Carbon fiber reinforced	glass	3 layers gluestick	Novice	F400, F410, EDGE
BASF Inffil3D	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
COEX	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Filaments.ca	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Filaments.ca	Carbon fiber ABS	Carbon fiber reinforced	glass	3 layers gluestick	Novice	F400, F410, EDGE
FormFutura	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
IC3D	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Keene Village Plastics	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Kimya	ABS CARBON	Carbon fiber reinforced	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Kimya	ABS KEVLAR	Kevlar fiber reinforced	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Kimya	ABS ESD	Electrostatic discharge-safe	glass	3 layers gluestick	Pro	F400, F410, EDGE
MatterHackers	MH Build series ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
MatterHackers	Pro series ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Octave	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Premix	Preperm ABS300	Dielectric/low loss (3.0er)	glass	3 layers gluestick	Novice	F400, F410, EDGE
Premix	Preperm ABS550	Dielectric/low loss (5.5er)	glass	3 layers gluestick	Novice	F400, F410, EDGE
Push Plastic	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Ultimachine	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
Verbatim	ABS		glass	3 layers gluestick	Novice	F400, F410, EDGE
<b>ASA</b>						
3DXTech	3DXMAX ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE
Filaments.ca	ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE
Filamentum	ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE
FormFutura	ApolloX		glass	3 layers gluestick	Novice	F400, F410, EDGE
Push Plastic	ASA		glass	3 layers gluestick	Experienced	F400, F410, EDGE
Toner Plastics	ASA		glass	3 layers gluestick	Novice	F400, F410, EDGE
<b>CO-POLYESTERS</b>						
ColorFabb	HT	Tg of 100C	glass	2 layers gluestick	Experienced	F400, F410, EDGE
ColorFabb	HT Clear		glass	2 layers gluestick	Experienced	F400, F410, EDGE
ColorFabb	nGen	Lower temperature, easier to print	glass	2 layers gluestick	Experienced	F400, F410, EDGE
ColorFabb	XT	FDA food contact safe, BPA free, high strength	glass	2 layers gluestick	Experienced	F400, F410, EDGE
ColorFabb	XT-CF20	Carbon fiber reinforced 20%	glass	2 layers gluestick	Pro	F400, F410, EDGE
<b>FLEXIBLE</b>						
Filamentum	Flexfill 98A	High tensile strength, high tear resistance	glass	2 layers gluestick	Pro	F400, F410, EDGE
Filaments.ca	TPU 91A	91A shore hardness	glass	2 layers gluestick	Pro	F400, F410, EDGE
Keene Village Plastics	Semper-Flexx98	98A shore hardness	glass	2 layers gluestick	Pro	F400, F410, EDGE
NinjaTech	Armadillo	Semi-flexible high abrasion resistance	glass	2 layers gluestick	Pro	F400, F410, EDGE
NinjaTech	Cheetah	Relatively easy to print flexible	glass	2 layers gluestick	Experienced	F400, F410, EDGE
<b>HIPS</b>						
Keene Village Plastics	HIPS	Chemically soluble in limonene.	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Ultimachine	HIPS	Chemically soluble in limonene.	glass	3 layers gluestick	Experienced	F400, F410, EDGE
<b>NYLON</b>						
Atomic Filament	Carbon Fiber Nuclear Nylon V3	Carbon fiber reinforced	glass	2 layers gluestick	Pro	F400, F410, EDGE
ColorFabb	PA-CF Low Warp	Carbon fiber reinforced	glass	2 layers gluestick	Pro	F400, F410, EDGE
Filaments.ca	Heavy Duty Carbon Fiber Nylon	Carbon fiber reinforced	glass	4 layers gluestick	Pro	F400, F410, EDGE
Filaments.ca	Nylon PA12	Lower moisture absorption than nylon-6, UV resistant	glass	4 layers gluestick	Pro	F400, F410, EDGE
Keene Village Plastics	Nylon		glass	2 layers gluestick	Experienced	F400, F410, EDGE
MatterHackers	NylonG	Fiberglass reinforced	glass	4 layers gluestick	Experienced	F400, F410, EDGE
MatterHackers	NylonX	Carbon fiber reinforced	glass	4 layers gluestick	Experienced	F400, F410, EDGE
Polymaker	PolyMide PA6-CF	Carbon fiber reinforced	glass	4 layers gluestick	Pro	F400, F410, EDGE
Polymaker	PolyMide PA6-CF	Fiberglass reinforced	glass	4 layers gluestick	Pro	F400, F410, EDGE
Taulman3D	Alloy 910	90C Tg, high tensile strength, good printability	glass	4 layers gluestick	Experienced	F400, F410, EDGE
Taulman3D	Bridge Nylon	Similar to 645 but easier to print; low moisture absorption	glass	4 layers gluestick	Pro	F400, F410, EDGE
Taulman3D	Nylon 645	High strength, very flexible, very difficult to print	glass	4 layers gluestick	Pro	F400, F410, EDGE
Taulman3D	Nylon 680	FDA food contact safe	glass	4 layers gluestick	Pro	F400, F410, EDGE
Treed	Carbonium		glass	3 layers gluestick	Experienced	F400, F410, EDGE
<b>OTHER / MISC</b>						
<b>BASF</b>	<b>Ultrafuse 316L</b>	<b>316 SS filled filament that can be used to print 100% metal parts with post-process sintering</b>	<b>kapton</b>	<b>none</b>	<b>Pro</b>	<b>EDGE</b>
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
Treed	Architectural: Clay	Decorative material similar to ABS, clay powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Treed	Architectural: Caermentum	Decorative material similar to ABS, cement powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Treed	Architectural: Dark Stone	Decorative material similar to ABS, stone powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Treed	Architectural: Monumental	Decorative material similar to ABS, marble-like powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE
Treed	Architectural: Sandy	Decorative material similar to ABS, sand-like powder filler	glass	3 layers gluestick	Experienced	F400, F410, EDGE

PETG						
3DXTECH	MAX-G PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
3DXTECH	3DXStat ESD-PETG	Electrostatic discharge-safe	glass	2 layers gluestick	Experienced	F400, F410, EDGE
3DXTECH	CarbonX Carbon Fiber PETG	Carbon fiber filled	glass	2 layers gluestick	Pro	F400, F410, EDGE
Amazon	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Atomic Filament	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Atomic Filament	Carbon Fiber PETG	Carbon fiber filled	glass	2 layers gluestick	Pro	F400, F410, EDGE
BASF InnoFil3D	PET		glass	2 layers gluestick	Experienced	F400, F410, EDGE
COEX	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
E3D Spoolworks	Edge PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Filaments.ca	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
IC3D	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Keene Village Plastics	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Push Plastic	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Taulman3D	Guideline	High Tg, FDA safe in raw form	glass	2 layers gluestick	Experienced	F400, F410, EDGE
Taulman3d	T-Glase	Low Tg, FDA safe in raw form	glass	2 layers gluestick	Experienced	F400, F410, EDGE
Toner Plastics	PETG		glass	2 layers gluestick	Experienced	F400, F410, EDGE
Verbatim	PET		glass	2 layers gluestick	Experienced	F400, F410, EDGE

PLA						
3D-Fuel	Pro PLA v2	"Higher tensile strength than ABS, higher impact strength than ABS"	glass	1 layer gluestick	Novice	F400, F410, EDGE
3D-Fuel	Workaday PLA	"Stronger & more heat resistant than normal PLA"	glass	1 layer gluestick	Novice	F400, F410, EDGE
3DAMakers	Facilian C8	"Higher tensile strength than ABS, higher impact strength than ABS"	glass	1 layer gluestick	Novice	F400, F410, EDGE
3DXTECH	3DXSTAT ESD PLA	Electrostatic discharge-safe	glass	1 layer gluestick	Experienced	F400, F410, EDGE
3DXTECH	CarbonX Carbon Fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE
3DXTECH	EXOMAX PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Amazon Basics	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Amolen	Temp Color Change PLA	Changes color when heated above 33C	glass	1 layer gluestick	Novice	F400, F410, EDGE
Atomic Filament	Carbon Fiber Extreme PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE
Atomic Filament	Glow in the Dark PLA	Glow in the dark (highly abrasive)	glass	1 layer gluestick	Experienced	F400, F410, EDGE
Atomic Filament	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
BASF InnoFil3D	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
BuMat	Elite High Speed PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Casius Tech	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
COEX	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
ColorFabb	GlowFill	Glow in the dark (highly abrasive)	glass	1 layer gluestick	Novice	F400, F410, EDGE
ColorFabb	PLA/PHA		glass	1 layer gluestick	Novice	F400, F410, EDGE
ColorFabb	Woodfill	Wood particle filled	glass	1 layer gluestick	Experienced	F400, F410, EDGE
Essentium	PLA XTR	"Decreased brittleness, superior tensile strength, better impact resistance"	glass	1 layer gluestick	Novice	F400, F410, EDGE
eSUN	PLA+3D		glass	1 layer gluestick	Novice	F400, F410, EDGE
Filaments.ca	Carbon Fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE
Filaments.ca	Tough PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Filaments.ca	TRUE Food Safe PLA	"Food safe (FDA approved raw materials)"	glass	1 layer gluestick	Novice	F400, F410, EDGE
Filkemp	PLA 881N		glass	1 layer gluestick	Novice	F400, F410, EDGE
Flenstech	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
FormFutura	EasyFill PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
FormFutura	MetalFil - Ancient Bronze	80% metal powder	glass	1 layer gluestick	Pro	F400, F410, EDGE
FormFutura	MetalFil - Classic Copper	80% metal powder	glass	1 layer gluestick	Pro	F400, F410, EDGE
Hatchbox	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
IC3D	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
JustPLA	JustPLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Keene Village Plastics	Performance PLA	"high heat, high impact grade PLA"	glass	1 layer gluestick	Novice	F400, F410, EDGE
Keene Village Plastics	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
MadMaker	PLA+		glass	1 layer gluestick	Novice	F400, F410, EDGE
MatterHackers	PRO Series Tough PLA	"Engineered for strength and durability"	glass	1 layer gluestick	Novice	F400, F410, EDGE
Meltink	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Meltink	PLA/PHA		glass	1 layer gluestick	Experienced	F400, F410, EDGE
Octave	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
ProtoPasta	Brass filled HTPLA	Brass filled	glass	1 layer gluestick	Experienced	F400, F410, EDGE
ProtoPasta	Bronze filled HTPLA	Bronze filled	glass	1 layer gluestick	Experienced	F400, F410, EDGE
ProtoPasta	Carbon Fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE
ProtoPasta	Composite Conductive PLA		glass	1 layer gluestick	Experienced	F400, F410, EDGE
ProtoPasta	Copper PLA		glass	1 layer gluestick	Experienced	F400, F410, EDGE
ProtoPasta	HTPLA	"high temperature resistance"	glass	1 layer gluestick	Experienced	F400, F410, EDGE
ProtoPasta	Iron filled PLA	Iron filled	glass	1 layer gluestick	Pro	F400, F410, EDGE
Push Plastic	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Sainsmart	PRO-3 Series PLA		glass	1 layer gluestick	Experienced	F400, F410, EDGE
Ultimachine	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Verbatim	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE
Ziro3D	Carbon fiber PLA	Carbon fiber reinforced	glass	1 layer gluestick	Experienced	F400, F410, EDGE
Ziro3d	PLA		glass	1 layer gluestick	Novice	F400, F410, EDGE

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

