

FUSION3 CERTIFIED MATERIALS LIST / RECOMMENDED PROFILES

as of 12/1/2017

 = new addition to list

PROFILE TO USE

BRAND	NAME	F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	Difficulty
PLA						
Atomic Filament	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
ColorFabb	PLA/PHA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Filaments.ca	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Hatchbox	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
IC3D	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
JustPLA	JustPLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
MakeShaper	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
MakeShaper	PLA/PHA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Meltink	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
ProtoParadigm	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Ultimachine	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy

PLA (SPECIALTY / INFUSED)

3D-Fuel	APLA (Advanced PLA)	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Atomic Filament	Carbon Fiber Extreme PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Atomic Filament	Glow In The Dark PLA	F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400-HFR_CFPLA	Medium
ColorFabb	Bamboofill	F306_WoodFill	F400_0.4_WoodFill	F400_0.6_Woodfill	F400-HFR-WoodFill	Hard
ColorFabb	GlowFill (glow in the dark)	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
ColorFabb	Woodfill	F306_WoodFill	F400_0.4_WoodFill	F400_0.6_Woodfill	F400-HFR-WoodFill	Hard
Filaments.ca	Carbon Fiber PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
MakeShaper	Carbon Fiber PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
Meltink	PLA/PHA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Medium
ProtoParadigm	High Speed PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy
ProtoParadigm	Max Speed PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Medium
Proto-Pasta	Carbon Fiber PLA	F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400-HFR_CFPLA	Medium
Taulman3D	InPLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Easy

ABS

Atomic Filament	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Filaments.ca	ABS		F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Hatchbox	ABS		F400_0.4_HatchABS	F400_0.6_HatchABS	F400-HFR_HatchABS	Medium
IC3D	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
MakeShaper	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Meltink	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Ultimachine	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Verbatim	ABS		F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy

ABS (SPECIALTY / INFUSED)

3DXTech	3DXSTAT™ ESD ABS (electro static discharge)	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
3DXTech	"CarbonX" Carbon Fiber ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Argyle Materials	Flame-retardant ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy
Filaments.ca	Carbon Fiber ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	Easy

ASA

3DXTech	3DXMAX ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	Easy
Filaments.ca	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	Easy
Filamentum	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	Easy
Toner Plastics	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	Easy

ASA (SPECIALTY / INFUSED)

3DXTech	PC-ASA (Polycarbonate + ASA)		F400_0.4_3DXTechPC-ASA	F400_0.6_3DXTechPC-ASA		Medium
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PETG

Atomic Filament	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	Easy
E3D Online	Edge	F306_Edge	F400_0.4_Edge	F400_Edge_0.6	F400-HFR_Edge	Medium
Filaments.ca	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	Easy
Hatchbox	PETG		F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	Medium
MakeShaper	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	Easy
Push Plastic	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	Easy
Taulman3D	T-Glase	F306_TGlase	F400_0.4_T-Glase	F400_T-Glase_0.6	F400-HFR_T-Glase	Medium
Toner Plastics	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	Easy

PETG (SPECIALTY / INFUSED)

3DXTech	3DXSTAT ESD PETG (electro static discharge)		F400_0.4_3DXTECH_ESD-PETG	F400_0.6_3DXTECH_ESD-PETG		Medium
3DXTech	"CarbonX" Carbon Fiber PETG		F400_0.4_CF-PETG	F400_0.6_CF-PETG	F400-HFR_CF-PETG	Hard
3DXTech	Thermax GT		F400_0.4_3DXTechThermaxGT	F400_0.6_3DXTechThermaxGT		Hard
Atomic Filament	Carbon Fiber PETG		F400_0.4_CF-PETG	F400_0.6_CF-PETG	F400-HFR_CF-PETG	Easy
Taulman3D	T-Scale		F400_0.4_T-Scale	F400_0.6_T-Scale	F400-HFR_T-Scale	Easy

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BRAND	NAME	F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	Difficulty
NYLON						
3DXTech	Ion Nylon Alloy		F400_0.4_iOnNylonAlloy	F400_0.6_iOnNylonAlloy		Medium
Filaments.ca	PA-12		F400_0.4_NylonPA12	F400_0.4_NylonPA12	F400-HFR_NylonPA12	Medium
IC3D	Nylon		F400_0.4_IC3DNylon	F400_0.6_IC3DNylon	F400-HFR_IC3DNylon	Medium
Taulman3D	Alloy 910	F306_A910	F400_0.4_A910	F400_0.6_A910	F400-HFR_A910	Medium
Taulman3D	Nylon 680	F306_Nylon680	F400_0.4_Nylon680	F400_0.6_Nylon680	F400-HFR_Nylon680	Medium
Taulman3D	Nylon 645	F306_Nylon645	F400_0.4_Nylon645	F400_0.6_Nylon645	F400-HFR_Nylon645	Hard
Taulman3D	Bridge Nylon	F306_Bridge	F400_0.4_Bridge	F400_0.6_Bridge	F400-HFR_Bridge	Medium

NYLON (SPECIALTY / INFUSED)

MatterHackers	NylonX (Carbon Fiber)		F400_0.4_NylonX	F400_0.6_NylonX		Medium
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FLEXIBLE (including TPU & TPE)

Filaments.ca	TPU (90A)		F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU		Hard
Filamentum	Flexfill 98A		F400_0.4_Semiflex	F400_0.6_Semiflex	F400-HFR_Semiflex	Hard
MakeShaper	TPU 85A	n/a	F400_0.4_Flexible	F400_0.6_Flexible	F400-HFR_Flexible	Hard
MakeShaper	TPU 95A		F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU		Hard
NinjaTech	Cheetah (95A)	n/a	F400_0.4_Cheetah	F400_0.6_Cheetah		Medium
NinjaTech	SemiFlex (95A)	n/a	F400_0.4_Semiflex	F400_0.6_Semiflex	F400-HFR_Semiflex	Hard
Taulman3D	PCTPE	F306_PCTPE	F400_0.4_PCTPE	F400_0.6_PCTPE	F400-HFR_PCTPE	Medium
Polymaker	Polyflex		F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU		Hard

OTHER POLYESTERS

ColorFabb	nGen	F306_nGen	F400_0.4_nGen	F400_0.6_nGen	F400-HFR_nGen	Medium
ColorFabb	XT		F400_0.4_XT	F400_0.6_XT	F400-HFR_XT	Hard
ColorFabb	XT-CF20	F306_XT-CF20	F400_0.4_XT-CF20	F400_0.6_XT-CF20	F400-HFR_XT-CF20	Hard
Taulman3D	N-vent	F306_nVent	F400_0.4_nVent	F400_0.6_nVent	F400-HFR_nVent	Medium
Taulman3D	Tech-G		F400_0.4_Tech-G	F400_0.6_Tech-G		Medium

ACRYLIC / PMMA

E3D Online	PMMA (Acrylic)	F306_PMMA	F400_0.4_PMMA	F400_0.6_PMMA	F400-HFR_PMMA	Hard
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HIPS

Ultimachine	HIPS	F306_HIPS	F400_0.4_HIPS	F400_0.6_HIPS	F400-HFR_HIPS	Hard
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POLYCARBONATE

Filaments.ca	"Easy" PC		F400_0.4_EasyPC	F400_0.6_EasyPC	F400-HFR_EasyPC	Hard
Push Plastic	PC/PBT		F400_0.4_PCPBT	F400_0.6_PCPBT	F400-HFR_PCPBT	Medium
Ultimachine	Polycarbonate	F306_PC	F400_0.4_PC	F400_0.6_PC	F400-HFR_PC	Hard

POLYCARBONATE + ABS

3DXTech	3DMax PC-ABS		F400_0.4_3DXTechPC-ABS	F400_0.6_3DXTechPC-ABS		Hard
E3D Online	PC-ABS	F306_PCABS	F400_0.4_PCABS	F400_0.6_PCABS	F400-HFR_PCABS	Medium

OTHER

Polymaker	Polysmooth	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	Medium
Taulman3D	Blueprint		F400_0.4_BluePrint	F400_0.6_BluePrint		Medium