

FUSION3 APPROVED MATERIALS / RECOMMENDED PROFILES

as of 7/9/2017

= new addition to list

		PROFILE TO USE					
BRAND	NAME	F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	Print Difficulty	
PLA							
Atomic Filament	PLA	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	
ColorFabb	PLA/PHA	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	
Ultimachine	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	
IC3D	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	
SPECIALTY PLA							
3D Fuel	APLA (Advanced PLA)	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	easy	
Taulman	InPLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	easy	
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	
Atomic	Glow In The Dark PLA	F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400-HFR_CFPLA	medium	
INFUSED PLA							
ColorFabb	Woodfill	F306_WoodFill	F400_0.4_WoodFill	F400_0.6_Woodfill	F400-HFR_WoodFill	hard	
ColorFabb	Bamboofill	F306_WoodFill	F400_0.4_WoodFill	F400_0.6_Woodfill	F400-HFR_WoodFill	hard	
ColorFabb	GlowFill	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	easy	
Proto-Pasta	CF-PLA	F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400-HFR_CFPLA	medium	
MakeShaper	CF-PLA	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	
MakeShaper	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	
IC3D	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	easy	
SPECIALTY/INFUSED ABS							
3DXTech	ESD-ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	easy	
3DXTech	"CarbonX" CFR-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	
ASA							
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	
3DXMax	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	easy	
SPECIALTY ASA							
3DXTech	PC-ASA		F400_0.4_3DXTechPC-ASA	F400_0.6_3DXTechPC-ASA		medium	
PETG							
E3D Online	Edge	F306_Edge	F400_0.4_Edge	F400_Edge.0.6	F400-HFR_Edge	medium	
MakeShaper	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	easy	
PushPlastic	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	
Atomic Filament	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	easy	
SPECIALTY PETG							
Atomic Filament	CF-PETG		F400_0.4_CF-PETG	F400_0.6_CF-PETG	F400-HFR_CF-PETG	easy	
3DXTech	Thermax GT		F400_0.4_3DXTechThermaxGT	F400_0.6_3DXTechThermaxGT		hard	
3DXTech	"CarbonX" CFR-PETG		F400_0.4_CF-PETG	F400_0.6_CF-PETG	F400-HFR_CF-PETG	hard	
Taulman3D	T-Scale		F400_0.4_T-Scale	F400_0.6_T-Scale	F400-HFR_T-Scale	easy	
PET							
Verbatim	PET	F306_PET	F400_0.4_PET	F400_0.6_PET	F400-HFR_PET	easy	

FUSION3 APPROVED MATERIALS / RECOMMENDED PROFILES

as of 7/9/2017

= new addition to list

BRAND	NAME	PROFILE TO USE				Print Difficulty
		F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	
PC-ABS						
E3D Online	PC-ABS	F306_PCABS	F400_0.4_PCABS	F400_0.6_PCABS	F400-HFR_PCABS	medium
3DXTech	3DMax PC-ABS		F400_0.4_3DXTechPC-ABS	F400_0.6_3DXTechPC-ABS		hard
NYLON						
3DXTech	Ion Nylon Alloy		F400_0.4_iOnNylonAlloy	F400_0.6_iOnNylonAlloy		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
IC3D	Nylon		F400_0.4_IC3DNylon	F400_0.6_IC3DNylon	F400-HFR_IC3DNylon	medium
MatterHackers	NylonX		F400_0.4_NylonX	F400_0.6_NylonX		medium
FLEXIBLE (TPU / TPE)						
MakeShaper	TPU 85A	n/a	F400_0.4_Flexible	F400_0.6_Flexible	F400-HFR_Flexible	hard
Taulman3D	PCTPE	F306_PCTPE	F400_0.4_PCTPE	F400_0.6_PCTPE	F400-HFR_PCTPE	medium
Ninjabflex	SemiFlex	n/a	F400_0.4_Semiflex	F400_0.6_Semiflex	F400_HFR_Semiflex	hard
Filamentum	Flexfill 98A		F400_0.4_Semiflex	F400_0.6_Semiflex	F400_HFR_Semiflex	hard
MakeShaper	TPU 95A		F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU		hard
Filaments.ca	TPU (90A)		F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU		hard
Polymaker	Polyflex		F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU		hard
OTHER POLYESTERS						
ColorFabb	XT-CF20	F306_XT-CF20	F400_0.4_XT-CF20	F400_0.6_XT-CF20	F400-HFR_XT-CF20	hard
ColorFabb	XT		F400_0.4_XT	F400_0.6_XT	F400-HFR_XT	hard
Taulman3D	N-vent	F306_nVent	F400_0.4_nVent	F400_0.6_nVent	F400-HFR_nVent	medium
ColorFabb	nGen	F306_nGen	F400_0.4_nGen	F400_0.6_nGen	F400_HFR_nGen	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
HIPS						
Ultimachine	HIPS	F306_HIPS	F400_0.4_HIPS	F400_0.6_HIPS	F400-HFR_HIPS	hard
POLYCARBONATE						
Ultimachine	Polycarbonate	F306_PC	F400_0.4_PC	F400_0.6_PC	F400-HFR_PC	hard
PushPlastic	PC/PBT		F400_0.4_PCPBT	F400_0.6_PCPBT	F400-HFR_PCPBT	medium
OTHER						
Taulman3D	Blueprint		F400_0.4_BluPrint	F400_0.6_BluPrint		medium