


FUSION3 CERTIFIED MATERIALS LIST


updated as of 10/8/2018

 = new addition to list

BRAND	NAME	SIMPLIFY 3D '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	
PLA												
Atomic Filament	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Casius Tech	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
ColorFabb	PLA/PHA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Filaments.ca	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Hatchbox	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
IC3D	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
JustPLA	JustPLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Keene Village Plastics	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
MakeShaper	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
MakeShaper	PLA/PHA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Meltink	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
ProtoParadigm	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Ultimachine	PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
SPECIALTY PLA												
3D4Makers	Facilian CB	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
3D-Fuel	APLA (Advanced PLA)	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
3D-Fuel	Pro PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
3D-Fuel	Pro PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
3DXTech	Ecomax HT-PLA	n/a	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Atomic Filament	GITD PLA	F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400-HFR_CFPLA	F410_0.4_CFPLA	F410_0.6_CFPLA	F410_0.8_CFPLA	Medium	1	1	
ColorFabb	Glow PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
eSUN	PLA+	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Filkemp	PLA-N	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
FormFutura	EasyFill PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Keene Village Plastics	Performance PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
MakeShaper	Elite PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Meltink	PLA/PHA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Medium	1	1	
Taulman3D	InPLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
INFUSED PLA												
3DXTech	CarbonX CF-PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Medium	1	1	
Atomic Filament	CF-PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
ColorFabb	Bamboofill	F306_WoodFill	F400_0.4_WoodFill	F400_0.6_Woodfill	F400-HFR-WoodFill	F410_0.4_Woodfill	F410_0.6_Woodfill	F410_0.8_Woodfill	Hard	1	1	
ColorFabb	GlowFill	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
ColorFabb	Woodfill	F306_WoodFill	F400_0.4_WoodFill	F400_0.6_Woodfill	F400-HFR-WoodFill	F410_0.4_Woodfill	F410_0.6_Woodfill	F410_0.8_Woodfill	Hard	1	1	
Filaments.ca	CF-PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
MakeShaper	CF-PLA	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	Easy	1	1	
Proto-Pasta	CF-PLA	F306_CFPLA	F400_0.4_CFPLA	F400_0.6_CFPLA	F400-HFR_CFPLA	F410_0.4_CFPLA	F410_0.6_CFPLA	F410_0.8_CFPLA	Medium	1	1	
ABS												
3DXTech	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Atomic Filament	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Filaments.ca	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Hatchbox	ABS	n/a	F400_0.4_HatchABS	F400_0.6_HatchABS	F400-HFR_HatchABS	F410_0.4_HatchABS	F410_0.6_HatchABS	F410_0.8_HatchABS	Medium	3	3	
IC3D	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Keene Village Plastics	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
MakeShaper	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Meltink	ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Ultimachine	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Verbatim	ABS	F306_ABS	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
SPECIALTY/INFUSED ABS												
3DXTech	"CarbonX" CFR-ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
3DXTech	ESD-ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Argyle Materials	Flame-retardant ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Atomic Filament	CF-ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
Filaments.ca	CF-ABS	F306_ABSpro	F400_0.4_ABS	F400_0.6_ABS	F400-HFR_ABS	F410_0.4_ABS	F410_0.6_ABS	F410_0.8_ABS	Easy	3	3	
3DXTech	3DMax PC-ABS		F400_0.4_3DXTechPC-ABS	F400_0.6_3DXTechPC-ABS		F410_0.4_3DXTechPC-ABS	F410_0.6_3DXTechPC-ABS	F410_0.8_3DXTechPC-ABS	Hard			

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		F306	F400-S (.4MM)	F400-S (.6MM)	F400-HFR	F410 (.4MM)	F410 (.6MM)	F410 (.8MM)	F306 / F400		F410	
ASA												
3DXMax Filaments.ca	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	F410_0.4_ASA	F410_0.6_ASA	F410_0.8_ASA	Easy	3	3	
Filamentum	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	F410_0.4_ASA	F410_0.6_ASA	F410_0.8_ASA	Easy	3	3	
MakeShaper	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	F410_0.4_ASA	F410_0.6_ASA	F410_0.8_ASA	Easy	3	3	
Toner Plastics	ASA		F400_0.4_ASA	F400_0.6_ASA	F400-HFR_ASA	F410_0.4_ASA	F410_0.6_ASA	F410_0.8_ASA	Easy	3	3	
SPECIALTY ASA												
3DXTech	PC-ASA		F400_0.4_3DXTechPC-ASA	F400_0.6_3DXTechPC-ASA	n/a	F410_0.4_PC-ASA	F410_0.6_PC-ASA	F410_0.8_PC-ASA	Medium	3	3	
PETG												
3DXTech	Max-G PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Medium	2	2	
Atomic Filament	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Easy	2	2	
E3D Online	Edge	F306_Edge	F400_0.4_Edge	F400_Edge_0.6	F400-HFR_Edge	F410_0.4_Edge	F410_0.6_Edge	F410_0.8_Edge	Medium	2	2	
Filaments.ca	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Easy	2	2	
Hatchbox	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Medium	2	2	
Keene Village Plastics	PETG	n/a	F400_0.4_KVP_PETG	F400_0.6_KVP_PETG	F400-HFR_KVP_PETG	F410_0.4_KVP_PETG	F410_0.6_KVP_PETG	F410_0.8_KVP_PETG	Easy	2	2	
MakeShaper	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Easy	2	2	
Push Plastic	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Easy	2	2	
Taulman3D	T-Glase	F306_TGlase	F400_0.4_T-Glase	F400_T-Glase_0.6	F400-HFR_T-Glase	F410_0.4_T-Glase	F410_0.6_T-Glase	F410_0.8_T-Glase	Medium	2	2	
Toner Plastics	PETG	F306_PETG	F400_0.4_PETG	F400_0.6_PETG	F400-HFR_PETG	F410_0.4_PETG	F410_0.6_PETG	F410_0.8_PETG	Easy	2	2	
SPECIALTY PETG												
3DXTech	Thermax GT	n/a	F400_0.4_3DXTechThermaxGT	F400_0.6_3DXTechThermaxGT	n/a	F410_0.4_3DXTechThermaxGT	F410_0.6_3DXTechThermaxGT	F410_0.8_3DXTechThermaxGT	Hard	2	2	
3DXTech	"CarbonX" CFR-PETG	n/a	F400_0.4_CFR-PETG	F400_0.6_CFR-PETG	F400-HFR_CFR-PETG	F410_0.4_CFR-PETG	F410_0.6_CFR-PETG	F410_0.8_CFR-PETG	Hard	2	2	
3DXTech	3DXStat ESD-PETG	n/a	F400_0.4_3DXTECH_ESD-PETG	F400_0.6_3DXTECH_ESD-PETG	n/a	F410_0.4_3DXTECHESD-PETG	F410_0.6_3DXTECHESD-PETG	F410_0.8_3DXTECHESD-PETG	Medium	2	2	
Atomic Filament	CF-PETG	n/a	F400_0.4_CFR-PETG	F400_0.6_CFR-PETG	F400-HFR_CFR-PETG	F410_0.4_CFR-PETG	F410_0.6_CFR-PETG	F410_0.8_CFR-PETG	Easy	2	2	
Taulman3D	T-Scale	n/a	F400_0.4_T-Scale	F400_0.6_T-Scale	F400-HFR_T-Scale	F410_0.4_T-Scale	F410_0.6_T-Scale	F410_0.8_T-Scale	Easy	2	2	
PET												
Verbatim	PET	F306_PET	F400_0.4_PET	F400_0.6_PET	F400-HFR_PET	F410_0.4_PET	F410_0.6_PET	F410_0.8_PET	Easy	2	2	
NYLON												
3DXTech	Ion Nylon Alloy	n/a	F400_0.4_iONNylonAlloy	F400_0.6_iONNylonAlloy	n/a	F410_0.4_iONNylon	F410_0.6_iONNylon	F410_0.8_iONNylon	Medium	3	3	
Filaments.ca	PA-12	n/a	F400_0.4_NylonPA12	F400_0.4_NylonPA12	F400-HFR_NylonPA12	F410_0.4_NylonPA12	F410_0.6_NylonPA12	F410_0.8_NylonPA12	Hard	3	3	
MatterHackers	NylonX	n/a	F400_0.4_NylonX	F400_0.6_NylonX	n/a	F410_0.4_NylonX	F410_0.6_NylonX	F410_0.8_NylonX	Medium	4	4	
Taulman3D	Alloy 910	F306_A910	F400_0.4_A910	F400_0.6_A910	F400-HFR_A910	F410_0.4_Alloy910	F410_0.6_Alloy910	F410_0.8_Alloy910	Medium	1	1	
Taulman3D	Bridge Nylon	F306_Bridge	F400_0.4_Bridge	F400_0.6_Bridge	F400-HFR_Bridge	F410_0.4_Bridge	F410_0.6_Bridge	F410_0.8_Bridge	Medium	2	2	
Taulman3D	Nylon 645	F306_Nylon645	F400_0.4_Nylon645	F400_0.6_Nylon645	F400-HFR_Nylon645	F410_0.4_Nylon645	F410_0.6_Nylon645	F410_0.8_Nylon645	Hard	2	2	
Taulman3D	Nylon 680	F306_Nylon680	F400_0.4_Nylon680	F400_0.6_Nylon680	F400-HFR_Nylon680	F410_0.4_Nylon680	F410_0.6_Nylon680	F410_0.8_Nylon680	Medium	2	2	
FLEXIBLE (TPU / TPE)												
3DXTech	ESD-Safe TPU	n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	n/a	F410_0.4_Flexible	F410_0.6_Flexible	F410_0.8_Flexible	Medium	2	2	
Filaments.ca	TPU (90A)	n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	n/a	F410_0.4_Flexible	F410_0.6_Flexible	F410_0.8_Flexible	Hard	2	2	
Filamentum	Flexfill 98A	n/a	F400_0.4_Semiflex	F400_0.6_Semiflex	F400-HFR_Semiflex	F410_0.4_Semiflex	F410_0.6_Semiflex	F410_0.8_Semiflex	Hard	2	2	
MakeShaper	Flexible TPU (85A)	n/a	F400_0.4_Flexible	F400_0.6_Flexible	F400-HFR_Flexible	F410_0.4_Flexible	F410_0.6_Flexible	F410_0.8_Flexible	Hard	2	2	
MakeShaper	Semi-Flexible TPU (95A)	n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	n/a	F410_0.4_Flexible	F410_0.6_Flexible	F410_0.8_Flexible	Hard	2	2	
NinjaTech	Cheetah	n/a	F400_0.4_Cheetah	F400_0.6_Cheetah	n/a	F410_0.4_Cheetah	F410_0.6_Cheetah	F410_0.8_Cheetah	Medium	2	2	
NinjaTech	SemiFlex	n/a	F400_0.4_Semiflex	F400_0.6_Semiflex	F400-HFR_Semiflex	F410_0.4_Semiflex	F410_0.6_Semiflex	F410_0.8_Semiflex	Hard	2	2	
PolyMaker	Polyflex	n/a	F400_0.4_Makeshaper TPU	F400_0.6_Makeshaper TPU	n/a	F410_0.4_Flexible	F410_0.6_Flexible	F410_0.8_Flexible	Hard	2	2	
Taulman3D	PCTPE	F306_PCTPE	F400_0.4_PCTPE	F400_0.6_PCTPE	F400-HFR_PCTPE	F410_0.4_PCTPE	F410_0.6_PCTPE	F410_0.8_PCTPE	Medium	2	2	

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OTHER POLYESTERS												
ColorFabb	XT-CF20	F306_XT-CF20	F400_0.4_XT-CF20	F400_0.6_XT-CF20	F400-HFR_XT-CF20	F410_0.4_XT-CF20	F410_0.6_XT-CF20	F410_0.8_XT-CF20	Hard	2	2	
ColorFabb	XT	n/a	F400_0.4_XT	F400_0.6_XT	F400-HFR_XT	F410_0.4_XT	F410_0.6_XT	F410_0.8_XT	Hard	2	2	
ColorFabb	nGen	F306_nGen	F400_0.4_nGen	F400_0.6_nGen	F400-HFR_nGen	F410_0.4_nGen	F410_0.6_nGen	F410_0.8_nGen	Medium	2	2	
Taulman3D	N-vent	F306_nVent	F400_0.4_nVent	F400_0.6_nVent	F400-HFR_nVent	F410_0.4_nVent	F410_0.6_nVent	F410_0.8_nVent	Medium	2	2	
Taulman3D	Tech-G	n/a	F400_0.4_Tech-G	F400_0.6_Tech-G	n/a	F410_0.4_TechG	F410_0.6_TechG	F410_0.8_TechG	Medium	2	2	
HIPS												
Ultimachine	HIPS	F306_HIPS	F400_0.4_HIPS	F400_0.6_HIPS	F400-HFR_HIPS	F410_0.4_HIPS	F410_0.6_HIPS	F410_0.8_HIPS	Hard	2	2	
POLYCARBONATE												
Filaments.ca	"Easy" PC	n/a	F400_0.4_EasyPC	F400_0.6_EasyPC	F400-HFR_EasyPC	F410_0.4_EasyPC	F410_0.6_EasyPC	F410_0.8_EasyPC	Hard	2	2	
Push Plastic	PC/PBT	n/a	F400_0.4_PCPBT	F400_0.6_PCPBT	F400-HFR_PCPBT	F410_0.4_PC-PBT	F410_0.6_PC-PBT	F410_0.8_PC-PBT	Medium	2	2	
Ultimachine	Polycarbonate	F306_PC	F400_0.4_PC	F400_0.6_PC	F400-HFR_PC	F410_0.4_PC	F410_0.6_PC	F410_0.8_PC	Hard	2	2	
OTHER												
Polymaker	Polysmooth	F306_PLA	F400_0.4_PLA	F400_0.6_PLA	F400-HFR_PLA	F410_0.4_PLA	F410_0.6_PLA	F410_0.8_PLA	medium	2	2	
Taulman3D	Bluprint		F400_0.4_BluPrint	F400_0.6_BluPrint		F410_0.4_BluPrint	F410_0.6_BluPrint	F410_0.8_BluPrint	Medium	2	2	