

Polyjet Medical Material/Printer Reference

Rigid Opaque

Material	J5™ MediJet	Stratasys J850™ Digital Anatomy™
VeroWhitePlus™ (RGD835)	○	○
VeroBlackPlus™ (RGD875)	●	●
VeroBlue™ (RGD840)	○	○
VeroGray™ (RGD850)	○	○
VeroCyan™ (RGD843)	○	●
VeroMagenta™ (RGD851)	○	●
VeroYellow™ (RGD836)	○	●
Vero PureWhite™ (RGD837)	○	●
DraftGrey™ (RGD750)	○	●
VeroUltra™ White (RGD825)	○	●
VeroUltra™ Black (RGD865)	○	●
VeroUltra™ WhiteS (RGD824)	○	○
VeroUltra™ BlackS (RGD864)	○	○

Rigid Transparent

Material	J5 MediJet	Stratasys J850 Digital Anatomy
VeroCyanV™ (RGD845)	●	●
VeroMagentaV™ (RGD852)	●	●
VeroYellowV™ (RGD838)	●	●
RGD720™ (General Purpose Transparent)	○	○
VeroClear™ (RGD810)	○	●
VeroUltra™Clear (RGD820)	○	● ³
VeroUltra™ClearS (RGD821)	●	○

Simulated Rubber

Material	J5 MediJet	Stratasys J850 Digital Anatomy
TangoGray™ (FLX950)	○	○
TangoBlack™ (FLX973)	○	○
TangoPlus™ (FLX930)	○	○
TangoBlackPlus™ (FLX980)	○	○
Agilus30™ Black (FLX985)	○	●
Agilus30™ White (FLX945)	○	●
Agilus30™ Clear (FLX935)	○	●
Agilus30™ Yellow (FLX931)	○	●
Agilus30™ Cyan (FLX941)	○	●
Agilus30™ Magenta (FLX951)	○	●
Elastico Clear (FLX934)	●	○

¹Not available in the Americas

²Subject to regional availability

³VeroUltraClear is available only when operating in J850 (non-DAP) configuration

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Simulated Polypropylene

Material	J5 MediJet	Stratasys J850 Digital Anatomy
Durus™ (RGD430)	○	○
Rigur™ (RGD450)	○	○

Simulated Engineering Plastics

Material	J5 MediJet	Stratasys J850 Digital Anatomy
Digital ABS Plus Ivory (RGD515 Plus & RGD531)	○	○
Digital ABS Plus Green ¹ (RGD515 Plus & RGD535)	○	○
High Temp (RGD525)	○	○

Medical

Material	J5 MediJet	Stratasys J850 Digital Anatomy
Biocompatible Clear (MED610)	●	● ⁴
Biocompatible Digital ABS Plus™ (MED515+DABS, IV and MED531DABS, IV)	●	● ⁴
Rigid Ivory Biocompatible (MED615RGD, IV)	○	● ⁴
TissueMatrix™ (MED310)	○	●
GelMatrix™ (FLG110)	○	●
BoneMatrix™ (RGD516)	○	●
DraftWhite (MED857)	●	○
RadioMatrix™ (MED410)	○	●

¹Not available in the Americas

⁴Available only when printing in J850 (non-DAP) configuration

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Specialty

Material	J5 MediJet	Stratasys J850 Digital Anatomy
VeroFlex™ Cyan (RGD891)	○	○
VeroFlex Magenta (RGD892)	○	○
VeroFlex Yellow (RGD893)	○	○
VeroFlex White (RGD894)	○	○
VeroFlex Black (RGD895)	○	○
VeroFlex Clear (RGD896)	○	○
VeroFlexVivid™ Cyan (RGD898)	○	○
VeroFlexVivid Magenta (RGD899)	○	○
VeroFlexVivid Yellow (RGD890)	○	○

Support

Material	J5 MediJet	Stratasys J850 Digital Anatomy
SUP705™ and SUP705B (APJ) (Water Jet Removal)		
Biocompatible ³ with FC630; FC655; MED610; MED620; MED625FLX ³ ; MEDDABS+; MED615RGD	○	● ⁴
SUP706B™ (Soluble Support)		
Biocompatible ³ with MED610; MED620; MED625FLX; MEDDABS+; MED615RGD ³	○	●
SUP707™ (Water Soluble)	○	○
SUP710™	●	○
WSS™ 150	●	○

Packaging Details

Printer	Type	Amount (kg)	Packing
Stratasys J850 Digital Anatomy	Cartridge	4 kg Note: TissueMatrix (MED310) has 3.6 kg in a 4 kg cartridge	Pack of 1
Stratasys J5 MediJet	Cartridge	1.1 kg	Pack of 1

¹Not available in the Americas

²Packaging subject to regional availability

³Biocompatibility is system dependent

⁴SUP705/SUP705B available only when operating in J850 (non-DAP) configuration

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Printer Details

Printer	Maximum Build Size (XYZ)	System Size and Weight	Layer Thickness	Accuracy
Stratasys J850 Digital Anatomy	490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)	1,400 x 1,260 x 1,100 mm (55.1 x 49.6 x 43.4 in.); 430 kg (948 lbs.) <u>Material Cabinet:</u> 670 x 1,170 x 640 mm (26.4 x 46.1 x 25.2 in.); 152 kg (335 lbs.)	Horizontal build layers down to 14 microns (.00055 in.)	Vero Materials: Typical deviation from STL dimensions, for models printed with rigid materials, based on size: under 100 mm – ±100µ; above 100 mm – ±200µ or ± 0.06% of part length, whichever is greater Digital Anatomy Materials: Not validated for accuracy, see technical documentation for design guidelines.
Stratasys J5 MediJet	1,174cm ² Max Part Size: Up to 140 x 200 x 190mm (5.51 x 7.87 x 7.48 in.)	651 x 661 x 1551mm (25.63 x 26.02 x 61.06 in) ; 228 kg (503 lbs.)	Horizontal build layers down to 18 microns (0.0007 in.)	Deviation from STL dimensions, for 1 Sigma (67%) of models printed with rigid materials, based on size: under 100 mm – ±150µ; above 100 mm – ±0.15% of part length.** Deviation from STL dimensions, for 2 Sigma (95%) of models printed with rigid materials, based on size: under 100 mm – ±180µ; above 100 mm – ±0.2% of part length.**

¹Using SUP705, SUP706 only

^{**}Measured when ambient temperature is 23 °C and relative humidity is 50%.

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