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)	●	○

[1]Not available in the Americas
[2]Subject to regional availability
[3]VeroUltraClear is available only when operating in J850 (non-DAP) configuration

Data Sheet

Polyjet Medical Material/Printer Reference

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)	○	●

[1]Not available in the Americas
[4]Available only when printing in J850 (non-DAP) configuration

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Polyjet Medical Material/Printer Reference

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

[1]Not available in the Americas
[2]Packaging subject to regional availability
[3]Biocompatibility is system dependent
[4]SUP705/SUP705B available only when operating in J850 (non-DAP) configuration

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Polyjet Medical Material/Printer Reference

Printer Details				
Printer	**Maximum Build Size (XYZ)**	**System Size and Weight**	**Layer Thickness**	**Accuracy**
Stratasys J850 Digital Anatomy	490 × 390 × 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.) Material Cabinet: 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; above100 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	1,174cm² 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.**

[1]Using SUP705, SUP706 only
**Measured when ambient temperature is 23 °C and relative humidity is 50%.

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