





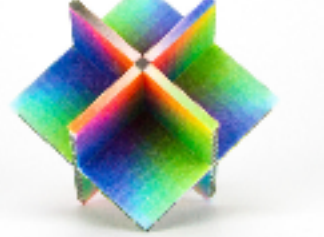











3D Printing Materials Comparison Sheet

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Each material has its own properties and price - use the table below to select the right material for your project. Interested? Check out our [materials sample kit!](#)

Plastic								
Material	Production method	Quality	Minimum detail	Minimum thickness	Max Size	Heat resistance	Handling Fee/item	Price per cm³
<div>White, Strong & Flexible</div> <div></div> <div>Also available in colors & black</div>	SLS	Flexible Slightly rough Bright white	0.2 mm	0.7 mm	660x350x550mm white 230x180x320mm black	80 °C 176 °F	\$1.50 white \$1.75 black	\$1.40 white \$1.75 black
<div>White, Strong & Flexible, Polished</div> <div></div>	SLS	Smooth Slight gloss	0.2 mm	0.7 mm	150x150x150mm polished/dyed	80 °C 176 °F	\$2.00	\$1.50
<div>Metallic Plastic</div> <div></div>	SLS	Grey with metallic specks. Stiff and brittle.	0.7 mm	0.8 mm	310x230x180mm	78 °C 172 °F	\$1.50	\$1.99
<div>Acrylic Plastic</div> <div></div> <div>Available in transparent, white, and black</div>	Objet	Smooth Waxy	0.2 mm	1 mm	250x250x200mm	48 °C 118.4 °F	\$2.50	\$2.99
<div>Frosted Ultra Detail & Frosted Extreme Detail</div> <div></div>	Multijet Modeling (MJM)	Smooth Brittle	0.1mm	0.3mm	284 x 184 x 203mm FUD 50 x 50 x 200mm FXD	softens at 80 °C 176 °F	\$5.00	\$3.49 FUD \$5.99 FXD
<div>Elasto Plastic</div> <div></div>	SLS	Very Flexible Rough texture	1mm	0.8mm	300x300x250mm	90 °C 194°F	\$1.95	\$1.75
<div>Full Color Plastic</div> <div></div>	Projet	Rough Grainy	0.2mm	0.7mm	150x150x150mm	57 °C 134.6°F	\$3.00	\$2.00
Metals								
Material	Production method	Quality	Minimum detail	Minimum thickness	Max Size	Heat resistance	Handling Fee/item	Price per cm³
<div>Gold</div> <div></div> <div>Available in 14k Gold, 14k Rose Gold, 14k White Gold, and 18k Gold</div>	3D Wax Printing + Casting	High shine Smooth	0.4mm	0.8mm*	89x89x100mm	879 °C 1615 °F	14k: \$50 18k: \$100	14k: \$600 18k: \$800
<div>Platinum</div> <div></div> <div>Available in Platinum</div>	3D Wax Printing + Casting	High shine Smooth	0.4mm	0.8mm*	89x89x100mm	879 °C 1615 °F	\$100	\$1750
<div>Sterling Silver</div> <div></div> <div>available in Premium, Polished, and Raw</div>	3D Wax Printing + Casting	High shine Smooth	0.3mm	0.6mm*	89x89x100mm	850 °C 1562 °F	\$30 Raw \$35 Polished \$45 Premium	\$20 Raw \$20 Polished \$28 Premium
<div>Brass</div> <div></div> <div>available in Gold Plated, Polished, and Raw</div>	3D Wax Printing + Casting	High shine Smooth	0.3mm Raw 0.4mm Polished 0.4mm Gold Plated	0.6mm Raw 0.8mm Polished 0.8mm Gold Plated	89x89x100mm	900 °C 1652 °F	\$10 Raw \$20 Polished \$30 Gold Plated	\$16 Raw \$18 Polished \$22 Gold Plated
<div>Bronze</div> <div></div> <div>available in Polished and Raw</div>	3D Wax Printing + Casting	Smooth	0.3mm Raw 0.4mm Polished	0.6mm Raw 0.8mm Polished	89x89x100mm	900 °C 1652 °F	\$10 Raw \$20 Polished	\$16 Raw \$18 Polished
<div>Steel</div> <div></div> <div>available with plating</div>	Metal 3D printing	Strong Will stick to magnets	1.0 mm	3 mm	Bronze, Grey, and Black: 762mm x 393mm x 393mm. Gold and Nickel: 330mm x 190mm x 228mm	831 °C 1527.8 °F	\$6.00 Steel \$7.50 Bronze \$9.00 Gold, Nickel, Grey, and Black	\$8.00
Earthenware								
Material	Production method	Quality	Minimum detail	Minimum thickness	Max Size	Heat resistance	Handling Fee/item	Price per cm³
<div>Ceramics</div> <div></div> <div>available in a variety of colors</div>	Ceramics 3D Printing + Glazing	Shiny white, Brittle	2 mm	3 mm	340x240x170mm	500 °C 932 °F	\$6.00	\$0.35
<div>Full Color Sandstone</div> <div></div>	Zcorp	Vibrant colors Brittle Rough feel	0.4 mm	2 mm	250x380x200mm	60 °C 140 °F	\$3.00	\$0.75
<div>Castable Wax</div> <div></div>	3D Wax Printing	High Resolution Smooth	0.1 mm	0.5 mm	75x75x50mm	60 °C 140 °F	\$10.00	\$8.00

* Dependent on the design, for more information see [Silver Design Rules](#)

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