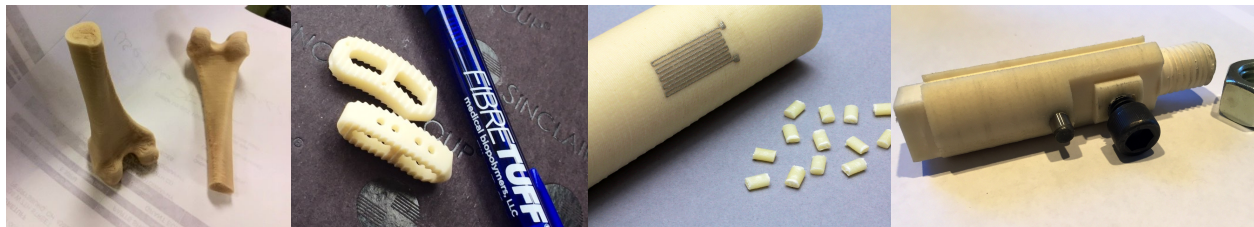


# FibreTuff PAPC®

An Advanced material for 3D Printing professional in the medical market

3D Printed FiberTuff PAPC comparison to PEEK / PLA			
	PAPC	PEEK	PLA
Specific Gravity	1.03	1.32	1.24
Melt Temp	Medium	High	Low
Hydrophilic	Yes	No	Yes
Coating friendly	Yes	No	No
Radiopaque	Yes	No	No
Anisotropic	Yes	No	No
Degradable	No	No	Yes
Drop in replacement for machining PEEK	Yes	N/A	No
Screw retention, laser cutting	Yes	Yes	No
Conformally print electronic circuits directly onto 3D Print	Yes	No	No
Material Costs	Low	Highest	*High - Medical grade PLLA, PCL



3D Printed FibreTuff PAPC filament helped generate data above - pictures include bone replacement, TLIF Spacer, Strain gage and prosthetic application



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FibreTuff® technology includes USPTO trademark, patent pending applications and patented compositions that include Polyamide, Polyolefin and Cellulose (PAPC). For more information [www.fibretuff.us](http://www.fibretuff.us)