

Compatibility table BCN3D Filaments



Material	Compatible Printers	Adhesive	Compatible Hotends (mm)								Enclosure		General tips		
			PRINTER	0.3	0.4	0.5 HP	0.6	0.8	1.0	0.6 X	PRINTER	ENCLOSURE			
PLA	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo	Sigma R19	✓	✓	✓	✓	✓	✓	✓	X	Sigma R19	Not needed	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Apply Magigoo adhesive on the build plate Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	✓	✓	✓	✓	✓	✓	✓	✓	X	Sigmax R19		Not needed
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
ABS	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo / None	Sigma R19	✓	✓	✓	✓	✓	✓	✓	X	Sigma R19	Recommended	<ul style="list-style-type: none"> Store it in an airtight container with desiccant. Prints well on clean glass or use Magigoo adhesive Once the part is printed, remove carefully the piece to avoid chipping the glass. The removal of the object is easier if you just apply water on the glass. Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	✓	✓	✓	✓	✓	✓	✓	✓	X	Sigmax R19		Recommended
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
TPU	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo / None	Sigma R19	✓	✓	✓	✓	✓	✓	✓	X	Sigma R19	Not needed	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Dry filament before printing. Place it in an oven or in a dehydrator at 60-70°C for 6 to 8 hours Prints well on clean glass or use Magigoo adhesive Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	✓	✓	✓	✓	✓	✓	✓	✓	X	Sigmax R19		Not needed
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
PVA	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo	Sigma R19	✓	✓	✓	✓	✓	✓	✓	X	Sigma R19	Not needed	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Dry filament before printing. Place it in an oven or in a dehydrator at 50°C for 6 to 8 hours Apply Magigoo adhesive on the build plate Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	✓	✓	✓	✓	✓	✓	✓	✓	X	Sigmax R19		Not needed
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
PET-G	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo	Sigma R19	✓	✓	✓	✓	✓	✓	✓	X	Sigma R19	Recommended	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Apply Magigoo adhesive on the build plate Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	✓	✓	✓	✓	✓	✓	✓	✓	X	Sigmax R19		Recommended
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
PA	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo PA	Sigma R19	✓	✓	✓	✓	✓	✓	✓	X	Sigma R19	Needed	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Dry filament before printing. Place it in an oven or in a dehydrator at 50°C for 6 to 8 hours Apply Magigoo PA adhesive on the build plate Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	✓	✓	✓	✓	✓	✓	✓	✓	X	Sigmax R19		Needed
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
PP	Sigma R19 Sigmax R19 BCN3D Epsilon	Magigoo PP	Sigma R19	X	✓	X	X	X	X	X	X	Sigma R19	Needed	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Apply Magigoo PP adhesive on the build plate Use preset profiles on BCN3D Cura developed by BCN3D 	
			Sigmax R19	X	✓	X	X	X	X	X	X	Sigmax R19	Needed		
			BCN3D Epsilon*	X	✓	X	✓	✓	✓	✓	X	BCN3D Epsilon	Built in		
PAHT CF15	BCN3D Epsilon	Magigoo / None	BCN3D Epsilon*	X	X	X	X	X	X	X	✓	BCN3D Epsilon	Built in	<ul style="list-style-type: none"> Store it in an airtight container with desiccant Feed it cautiously into the machine: it's very fragile and can break easily Preheat the machine with the filament inside to soften up the material Prints well on clean glass Use preset profiles on BCN3D Cura developed by BCN3D 	
PP GF30	BCN3D Epsilon	Magigoo PPGF	BCN3D Epsilon*	X	X	X	X	X	X	X	✓	BCN3D Epsilon	Built in	<ul style="list-style-type: none"> Apply Magigoo PPGF adhesive on the build plate Build surface must be very well calibrated due to strong warping Use preset profiles on BCN3D Cura developed by BCN3D 	

* Printing profiles for BCN3D Epsilon: 0.8mm profiles will be released mid-january. Printing profiles for 0.6mm and 1.0mm will be released at the beginning of Q2.