

Fortus 450mc

System Specifications

Build Envelope (XYZ) **450mc:** 406 x 355 x 406 mm (16 x 14 x 16 in.)

Material Delivery **450mc:** Two bays each for material and support canisters. Auto changeover between canisters

Material Options

Material	Layer Thickness				Support Structure	Available Colors	
	0.330 mm (0.013 in.)	0.254 mm (0.010 in.)	0.178 mm (0.007 in.)	0.127 mm (0.005 in.)			
ABS-ESD7™	○	●	●	○	Soluble	■ Black	
ABS-M30™	●	●	○	●	Soluble	■ Ivory ■ Black ■ Blue	□ White ■ Red ■ Dark Gray
ABS-M30i™	●	●	●	●	Soluble	■ Ivory	
Antero™ 800NA	○	●	○	○	Breakaway	■ Natural	
Antero 840CN03	○	●	○	○	Breakaway	■ Natural	
ASA	●	●	●	●	Soluble	■ Black ■ Dark Gray ■ Light Gray □ White ■ Ivory	■ Dark Blue ■ Green ■ Yellow ■ Orange ■ Red
FDM Nylon 12™	●	●	●	○	Soluble	■ Black	
FDM Nylon 12CF™	○	●	○	○	Soluble	■ Black	
PC	●	●	●	●	Breakaway, Soluble	□ White	
PC-ABS	●	●	●	●	Soluble	■ Black	
PC-ISO™	●	●	●	○	Breakaway	■ Translucent Natural □ White	
ULTEM™ 9085 resin	●	●	○	○	Breakaway	■ Tan ■ Black	
ULTEM™ 1010 resin	●	●	○	○	Breakaway	■ Natural	
ST-130	●	○	○	○	Breakaway	■ Tan	

Achievable Accuracy

Parts are produced within an accuracy of $\pm .127$ mm ($\pm .005$ in.) or $\pm .0015$ mm/mm ($\pm .0015$ in/in), whichever is greater. Z part accuracy includes an additional tolerance of -0.000 +/slice height. Note: Accuracy is geometry dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield.