



# Aero HVAC Duct

This aerospace HVAC duct was 3D printed with VICTREX AM™ 200 thermoplastic filament. Designed specifically for additive manufacturing, VICTREX AM 200 is a semi-crystalline LMPAEK™ (low-melt polyaryletherketone) thermoplastic formulated to provide optimal interlayer bonding (Z-strength) and dimensional stability. This gives manufacturers the advantages of printing with a high-performance PAEK polymer while also being compatible with soluble support material for design freedom and easier post-processing. As a Stratasys Validated Material, VICTREX AM 200 has been tested and tuned for operation on the Fortus 450mc™ 3D printer.

<b>System</b>	Fortus 450mc
<b>Material</b>	VICTREX AM 200 (LMPAEK)
<b>Build Time</b>	21.75h
<b>Model Material Used</b>	361 cm <sup>3</sup> (22 in <sup>3</sup> )
<b>Support Material Used</b>	174 cm <sup>3</sup> (10.6 in <sup>3</sup> )

ISO 9001:2015 Certified

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