



Lightweight FST-Rated Air Ducts

This 3D printed aircraft environmental control system (ECS) ducting was made with ULTEM™ 9085 resin material. The design freedom enabled by FDM® technology allows the creation of complex ECS ducts that would be difficult or impossible to make using traditional manufacturing methods. And ULTEM™ 9085 resin material meets multiple aerospace and railway industry standards for flame, smoke and toxicity characteristics.

System	F900®
Material	ULTEM™ 9085 Resin
Build Time	22 hrs
Material Used	20 in ³ (50.8 cm ³)