Aerospace | Maintenance and repair (MRO)

Aerospace Hot Air Supply Duct



Technology: HP Industrial Filament (IF)

Solution: HP Industrial Filament (IF) 3D Printer 600 High Temperature (HT) Solution

Material: HP 3D Filament PEEK (semicrystalline)

End-use application: Aerospace-certified material working in an environment with exhaust gases exceeding 200°C.

Using HP Industrial Filament technology to produce this part, the customer is now benefiting from:

- Continously operating in an aggressive environment of hot gases up to 230°C
- Material has UL94 V-0 flammability rating (self extinguished material)
- Lightweight (up to 20% lighter than metal magnesium alloys), which is crucial in aerospace, space and transportation industries