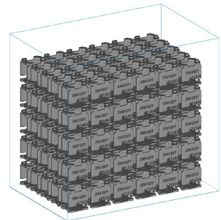


Industrial Print head Protective Case



The Industrial Print head Protective Case was 3D printed on an H350™ 3D printer leveraging SAF™ technology using High Yield PA11 powder. PA11 provides excellent mechanical properties, with high impact resistance allowing for printhead protection against collisions and fall damage. SAF technology allows nesting freedom so you can orientate the parts identically across the print volume, which is optimum for manufacturing, as you can fit more parts in a build. The features on this part need to be accurate and repeatable, to allow for the addition of the magnets and the mating of the 2 component parts. PA11 also finishes well using vapour smoothing technology, thus creating a smooth and sealed surface suitable for cleaning. The protective case is designed to have magnetic fittings installed after printing, which holds the case components around the printhead.



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System	H350 3D printer
Technology	SAF technology
Material	High Yield PA11
Printed Layer Time*	8hrs 14mins for 150 protective cases
Volume of Material Used Per Part	20.8cm ³ (1.3in ³)

* Printed layer time is an approximation of the time taken to print the layers that form the parts in the build only.

ISO 9001:2015 Certified

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