



# Consumer Quality Clip

This Consumer Quality Clip was 3D printed on an H350™ 3D printer, leveraging SAF™ technology using Stratasys High Yield PA11 powder. The clip was designed to hold a mobile phone and key chains to a person's belt. PA11 provides excellent mechanical properties, with high elongation at break allowing for reliable and repeatable operation of the clip's living hinge. The impact resistance and UTS of PA11 also makes the clip robust and resistant to breakage when under load, thus creating a long lived, multi-use consumer item. To further increase the appeal of the clip a dyeing/smoothing & dyeing/ painting process could be applied. These will be printed in regular batches so the same print settings need to be reused to ensure consistent results batch after batch.

<b>System</b>	H350 3D printer
<b>Material</b>	Stratasys High Yield PA11
<b>Build Time*</b>	9h 9m for 198 Consumer Clip
<b>Material Used</b>	14.9cm <sup>3</sup> (0.9in <sup>3</sup> ) [per part]

\*Printed layer time approximates the time taken to print the layers that form the parts in the build only

ISO 9001:2015 Certified

© 2022 Stratasys. All rights reserved. Stratasys, Stratasys signet and Origin One™ are trademarks or registered trademarks of are registered trademarks of Stratasys Inc. All other trademarks are the property of their respective owners and Stratasys assumes no responsibility with regard to the selection, performance, or use of these non-Stratasys products. Product specifications subject to change without notice. PC\_SAF\_Consumer Quality Clip\_1022a

STRATASYS.COM

