

HLH SURFACE FINISHES: 3D Printing

All processes are done in-house - this includes the surface finishing of your custom plastic 3D printed parts. Discover the range of surface finishes that can be applied to different materials this sheet.

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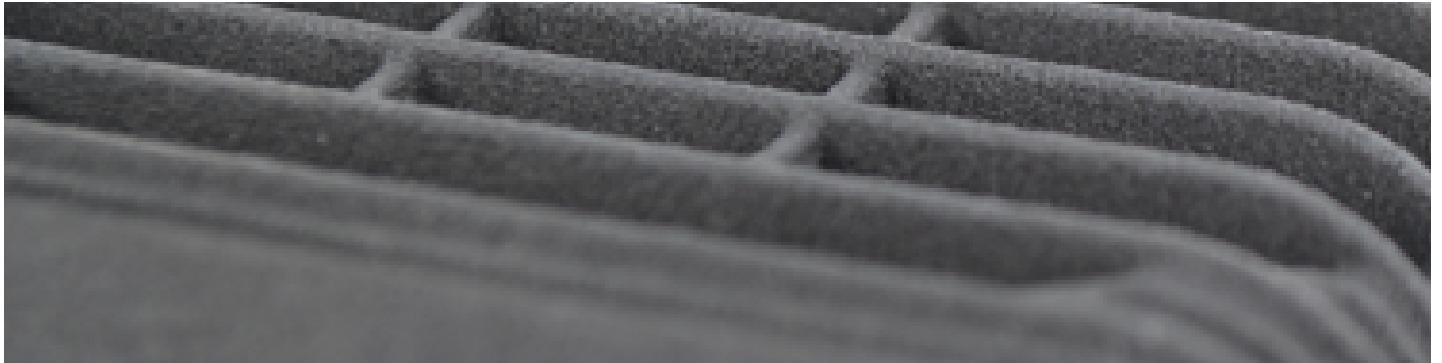
This list features common 3D printing finishes. For other custom finishes such as plating and more, please contact us at info@hlhrapid.com.

Dyeing

Dye finish reaches all surfaces of a part, including the most inaccessible recesses, resulting in a very uniform finish.

Notes

Color	Black, RAL/Pantone colors
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Example of SLS printed PA12-material part with dye finish

Painting

Painting is a well-known way to add colour and hide print lines. Overall, it is a great choice to improve the aesthetics of 3D printed parts.

Notes

Color	Black, Pantone/RAL colours
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Example of SLA printed (ABS-like material) part with painted finish

Polishing

Polishing is often used to enhance the appearance of a part, prevent contamination, remove oxidation, create a reflective surface, or prevent corrosion.

Notes

Color

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Example of SLA printed (clear ABS material) part with a polished finish

Spray Painting

Spray painting is a quick way to colour parts. It can also reach areas that cannot be reached with a brush..

Notes

Color

Black, Pantone/RAL colour



Example of SLA printed part with a spray painted finish

Vapour Smoothing

Vapour smoothing eliminates sugar cube-like finishes or layer lines and replaces them with smooth, glossy surfaces

Notes

Results in smooth, glossy surfaces.



Example of SLA printed + vacuum casted (ABS-like material) part with a vapour smooth finish