UltraSlic™ FG Foil was developed to offer superior fatigue strength, a super smooth printing surface and improved wear factors. The fine grain structure allows for superior aperture registration and repeatable paste release.

**No. 1 for Performance**

Our obsession with print performance and data has resulted in UltraSlic™ FG, our most innovative SMT stencil material yet. Our goal was simple: deliver a true cost reduction without compromising performance.

We wanted to create a product that would laser cut and print like Slic™ plus offer the flexibility to work in all stencil types including meeting the emerging demand for High Tension Stencils.

We did it. Which is why our data says yes!

- UltraSlic™ stencils product the highest print yields
- Available in all the BlueRing thickness and width formats
- Manufactured with end-to-end process control and data capture
- Reduces noise and variability in the print process

**Product Selector Guide**

<table>
<thead>
<tr>
<th>Product Selector Guide</th>
<th>Slic</th>
<th>UltraSlic FG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miniaturised or high-density assembly</td>
<td></td>
<td>*</td>
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<tr>
<td>Area ratios &lt;0.60</td>
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<tr>
<td>General SMT, lead pitches 0.5mm, leadless pitches 1.0mm</td>
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<tr>
<td>Stepped stencil for µBGA, CSP, QFN, BTC</td>
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<tr>
<td>Uniform foil thickness ≥150µm</td>
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<tr>
<td>Powder Size Type: 5, 6</td>
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<tr>
<td>Powder Size Type: 3, 4</td>
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</table>

**Specifications**

- **Gauges:** 0.02 to 0.500 (0.8 mil to 12 mil)
- **Sizes:** Widths from 100mm to 690mm
- **Availability:** Worldwide

**Wall Smoothness**

- Smooth walls enable better solder paste fill and release
- Drops into current processes without requiring parameter adjustments
- Laser cuts cleanly and easily

**Wall Roughness Comparison**

Holographic Microscopy

Cut with the same laser parameters, the best performer

**Tougher Steel**

- Can carry high tension without stretching to maintain precise registration with PCB
- Stronger, stiffer webs limit spring back to produce crisper prints

**Quality Commitment**

- Right first time, every time
- Excel and lead in customer service and technical support
- Continuous process improvement