### Embedding Material

<table>
<thead>
<tr>
<th>Embedding Material</th>
<th>Application</th>
<th>Suggested Product</th>
<th>Section Thickness</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy: Epon, Araldite, Spurrs</td>
<td>Ultrathin Sections</td>
<td>DDK Diamond Knife</td>
<td>Ultrathin 30nm—250nm</td>
<td>Industry’s Longest Lasting Knife</td>
</tr>
<tr>
<td></td>
<td>Scouting Sections Trimming, Block Facing</td>
<td>DDK Triangular Tungsten Carbide</td>
<td>3µm—15µm</td>
<td>Replaces Glass/Razor Blades</td>
</tr>
<tr>
<td></td>
<td>Thick Sections Scouting Sections Trimming</td>
<td>DDK Diamond Histo Knife</td>
<td>500nm—3µm</td>
<td>Improves the Quality of Thick Sections</td>
</tr>
<tr>
<td>Plastic—MMA</td>
<td>Bone/Hard Materials Stents</td>
<td>DDK Permanent Tungsten Carbide</td>
<td>1µm—15µm</td>
<td>Industry Standard</td>
</tr>
<tr>
<td></td>
<td>Bone/Hard Materials Stents, Teeth</td>
<td>DDK Diamond Wire Saw</td>
<td>30µm+</td>
<td>Saw Cuts Anything</td>
</tr>
<tr>
<td>Plastic—GMA, JB4</td>
<td>Softer material, Tissue</td>
<td>DDK Permanent Tungsten Carbide</td>
<td>1µm—15µm</td>
<td>Steel Extension Offers Better Edge Tempera-ture and Handling</td>
</tr>
<tr>
<td>Plastic—GMA, JB4</td>
<td>Softer material, Tissue, Serial Sectioning</td>
<td>DDK Triangular Tungsten Carbide and Disposable Tungsten Carbide</td>
<td>1µm—15µm</td>
<td>Durable, Serial Sectioning</td>
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<tr>
<td>Paraffin</td>
<td>Soft Tissue</td>
<td>DDK Permanent Steel Knives</td>
<td>3µm—15µm</td>
<td>Fits in Both Sliding and Rotary Microtomes</td>
</tr>
<tr>
<td>Paraffin</td>
<td>Soft Tissue</td>
<td>DDK Disposable Steel Knives</td>
<td>5µm—15µm</td>
<td>Styles to Fit Your Cryostats</td>
</tr>
<tr>
<td>Vibrating Microtome</td>
<td>Brain Tissue</td>
<td>DDK Sapphire Knife</td>
<td>10µm+</td>
<td>Superior Section Quality to Razor Blade</td>
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</tbody>
</table>