



# PCB Drilling Assist Materials



Technical Datasheet

## Flexible Circuit Drilling Entry Material

[www.insulectroexpress.com](http://www.insulectroexpress.com)

Product	Description	Features & Benefits
<a href="#">Brown Entry 24</a>	Brown Phenolic Entry Thickness: .024	<ul style="list-style-type: none"> <li>• BROWN PHENOLIC COMPOSITE, GLOSSY FINISH</li> <li>• HARDNESS: 90, SHORE-D SCALE</li> <li>• SURFACE: PROPRIETARY PHENOLIC FORMULATION</li> <li>• Longer drill life</li> <li>• Improved hole wall quality</li> <li>• Greater drilling efficiency</li> <li>• Reduced hole wall smear</li> <li>• Improved drill registration</li> <li>• Excellent for Flex Circuit Drilling and Routing</li> </ul>
<a href="#">Brown Entry 40</a>	Brown Phenolic Entry Thickness: .040	
<a href="#">White Entry 16</a>	White Phenolic Entry Thickness: .016	<ul style="list-style-type: none"> <li>• WHITE MELAMINE SURFACE, GLOSSY FINISH</li> <li>• HARDNESS: 90, SHORE-D SCALE</li> <li>• SURFACE: PROPRIETARY MELAMINE FORMULATION</li> <li>• Longer drill life</li> <li>• Improved hole wall quality</li> <li>• High visibility of drill and hole</li> <li>• Reduced hole wall smear</li> <li>• Improved drill registration</li> <li>• Excellent for Flex Circuit Drilling and Routing</li> </ul>
<a href="#">White Entry 24</a>	White Phenolic Entry Thickness: .024	

• **Dimensions:** Custom sizes and tooling available upon request

## Tristar Laminates Drilling Solutions

For information about Tristar's wide range of backup and entry products visit [www.tristarlaminates.com](http://www.tristarlaminates.com)

## Drill Check Film

• **Description:**

- A dimensionally stable translucent green or red plastic sheet designed for visually checking drilled holes located in the printed circuit boards.

• **Benefits:**

- Assures outstanding dimensional stability for accurate N/C drill hole pattern inspection
- Eliminates art reproduction and provides fast and accurate quality control
- Excellent ink receptivity for marking missing or mis-registered holes

• **Dimensions**

- Colors: Green or Red
- Sizes: 24"x36", 24"x48"
- 50 sheets/case



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