



Technical Data Sheet

- 1. Series** Aluminum Surface PCB Drilling Backup Board
- 2. Type** AL8021
- 3. Application** PCB drilling backup board specifically designed for high-end precision circuit boards.
- 4. Composition** Wood fiberboard with a unique eco-friendly thermally pressed aluminum composite lubricant surface.
- 5. Special Features**
- 5.1 Manufactured using thermal pressing technology, featuring extreme low surface roughness and high coating hardness.
 - 5.2 Aluminum coating has a high thermal conductivity coefficient, ensuring excellent heat dissipation and ultra-high positioning accuracy, and epic burr prevention effect.
 - 5.3 Lubricant coating has a low friction coefficient, effectively reducing drill bit wear, and provides heat absorption and cooling effects for the drill bits.
 - 5.4 High-end technology, unique craftsmanship, advanced equipment, and stable, reliable product quality.
- 6. Thickness** 2.1 mm
- 7. Tolerance** ± 0.1 mm
- 8. Standard Size** 37" \times 49"; 41" \times 49"; 43" \times 49";
special size on requirement. Customized cutting and pre-drilled holes are available;
- 9. Size Tolerance** ± 3.0 mm
- 10. Warpage** $< 0.5\%$ of diagonal
- 11. Hardness** Shore-D ≥ 80



12. **Product Appearance** Grey Surface, no dent or any other defect;
13. **Fiber Board Type** Superior-High Density $>1000\text{KG/M}^3$
14. **Guarantee period** 1 year
15. **Packaging** Protect moisture proof packing from damage, otherwise goods will absorb moisture and have deformation.
16. **Storage Condition** Products should be stored in a place of low humidity, proper storage conditions: temperature under 25°C , relative humidity 40-65%.
17. **Unpacking** Do not open moisture proof packing in advance and exposure products. Only remove moisture proof packing until using time.
18. **Remainder Protection** Packing unused products immediately with moisture proof packing and protecting cover to protect from absorbing moisture.

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