



Technical Data Sheet

- 1. Series** Aluminum Surface PCB Drilling Backup Board
- 2. Type** AL7525
- 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** 2.5 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 ≥ 75 (90%)



12. Product Appearance Grey Surface, no dent or any other defect;
13. Fiber Board Type Ultra-High Density $>950\text{KG/M}^3$
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.

Rizhao Norco New Material Technology Co., Ltd.

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