



ventec

INTERNATIONAL GROUP

騰輝電子

PCB CONSUMABLES



PHP

**PHENOLIC PAPER
BASED DRILL ENTRY
AND EXIT BOARD**

MATERIAL DATASHEET

INTRODUCTION

PHP is a paper laminate utilizing a modified phenolic resin as a binding system. Ideally suited as an exit material for drilling and routing single sided, double sided, flex and multilayer printed circuit boards and is particularly suited to problem materials such as Aramid and PTFE.

PRODUCT CHARACTERISTICS

- Excellent flatness and surface hardness combines to provide for reliable drill centring, reduced wander and drill breakages
- A uniformly smooth surface provides good face to face contact with the PCB, giving good burr control through a wide range of drill diameters
- Multiple use as an entry and backing board, maximizing utilization and material yield

TECHNICAL DATA

Thickness and Tolerance	0.4mm, 0.5mm, 0.8mm, 1.0mm and 1.5mm +/-0.10mm
Density	1300 - 1450Kg/m3
Surface Hardness	>88 Shore
Warpage	<0.6 mm/m across the diagonal
Delivery Specification	PHP is supplied in cut panels to customer requirements

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