ventec
INTERNATIONAL GROUP
騰輝電子

MASSLAM & DRILL
SOLUTIONS

MASSLAM & DRILL SOLUTIONS

MATERIAL DATASHEET

INTRODUCTION

Ventec supplies mass-laminated multilayer panels to PCB manufacturers all over the world utilizing high quality laminates & prepregs manufactured by our parent company Ventec International Group. We have mass lamination, drilling & plating capacity in China, with logistics, engineering, technical & quality support based in our customer service centers in Europe & USA, allowing us to customize a supply chain optimized to meet your needs for fast deliveries and cost optimization.

PRODUCTS

> Up to 14 layers
> Masslam
> Masslam & Drill
> Masslam, Drill & Plate

CAPACITY

> Masslam: 3.7k mtrs^2/month
> Drilling: 1.6k mtrs^2/month
> Plating: 1.3k mtrs^2/month

MATERIALS

Type	Products
Standard FR4	VT-42, VT-42C
High Tg	VT-47, VT-447*
CAF-Resistant FR4	VT-481, VT-47, VT-447*
FR4 Halogen-Free	VT-441*, VT-447*
Polyimide	VT-901*, VT-90H*

* Non-UL Release

CORPORATE HEADQUARTERS
Ventec Electronics Co. Ltd.
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New District Suzhou,
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www.venteclaminates.com

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CAPABILITIES

Item	Specification
Layers	4, 6, 8, 10, 12, 14 (layers)
Cu	1/3oz, Hoz, 1oz, 2oz, 3oz
Maximum Panel Size	24"x30"
Minimum Panel Size	12"x16"
Minimum Core Thickness	3mil H/H
Minimum L/S	3/3mil
Minimum Thickness of Different Layers	11mil (4L), 49mil (12L), 79mil (14L)
Inner-layer Alignment	±3mil
Tolerance of Forming Size	±1mm
Warp	<0.75%
Minimum Hole Size	0.15mm / 6mil
Maximum Hole Size	up to 10mm / 0.254"
Copper Plating (bonded panels only)	
Maximum Panel Size	21.97"x24"
Minimum Panel Size	14.6"x13"
Copper Thickness	typically 20µ
Drill Aspect Ratio	6:1

WORKING TO IPC STANDARDS

Please contact your local Ventec International Group Service Center to discuss your masslam & drill requirements:

	UK	Germany	USA
Email	sales@ventec-europe.com	salesde@ventec-europe.com	saleseast@ventec-usa.com
Telephone	+44 1926 889 822	+49 6352 753 260	+1 630 422 1627

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