



A HIGHER DEGREE OF  
THERMAL CONDUCTIVITY.  
WHEN AND WHERE  
YOU NEED IT.

# Thermal Management

## VT-4A1/VT-4A2 THERMAL MANAGEMENT

Ventec offers the highest quality aluminum base laminates and prepregs in two types.

- VT-4A1/VT-4A1PP: Above 1.0W/M.K Ceramic Filled
- VT-4A2/VT-4A2PP: Above 2.0W/M.K Ceramic Filled
- Excellent Electrical and Material Characteristics
- Flame Retardant (UL94 VO)
- UL: E214381

Our global resources and local distribution network put the products you need in your hands at the right time and at the right cost.



Wherever technology takes you, we deliver.

[www.ventec-usa.com](http://www.ventec-usa.com)  
[www.ventec-europe.com](http://www.ventec-europe.com)  
[www.ventec laminates.com](http://www.ventec laminates.com)

### ROHS COMPLIANT & LEAD FREE MATERIALS

#### Lead Free

VT-481 150. Tg Phenolic Cured  
VT-47 180. Tg Phenolic Cured

#### Halogen Free & Lead Free

VT-441 150. Tg Phenolic Cured &  
Halogen Free  
VT-447 180. Tg Phenolic Cured &  
Halogen Free

#### Traditional FR-4

VT-42 140. Tg Dicy Cured, Unfilled  
VT-42S 150. Tg Dicy Cured, Unfilled

#### Low D.K. & Lead Free

VT-461 200. Tg Phenolic Cured &  
Dk 3.7, TD>350°C

#### Special Applications

VT-4A1/  
VT-4A2 Thermal Management  
Prepreg and aluminum  
Core Laminates

VT-901 250. Tg Polyimide Resin  
System

VT-42C 130. Tg CTI 250, 400 &  
600 Voltage

#### Rigid Flex/NO Flow Prepreg

VT-45NF 170. Tg Dicy Cured  
VT-47NF 170. Tg Phenolic Cured High Td  
VT-901NF 200. Tg Polyimide Resin System



**VENTEC**