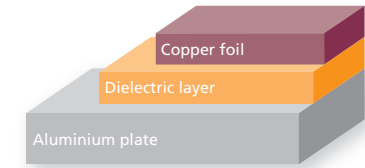


# IMS FACTSHEET



Characteristics	Unit	VT-44A	T30.20	VT-4A1	M-06503	VT-4A2	HT-04503	NPMRA	VT-4B3	HPL-03015	VT-4B5	VT-4B7	
Manufacturer		Ventec	Bergquist	Ventec	Bergquist	Ventec	Bergquist	Nanya	Ventec	Bergquist	Ventec	Ventec	
<b>Thermal conductivity</b>	<b>W/mK</b>	<b>1.0</b>	<b>0.8</b>	<b>1.6</b>	<b>1.3</b>	<b>2.2</b>	<b>2.2</b>	<b>2.0</b>	<b>3.0</b>	<b>3.0</b>	<b>4.2</b>	<b>6.5</b>	
Aluminium thicknesses	mm	0.5	0.51	0.5	0.51	0.5	0.51	0.8	0.5	0.51	0.5	0.5	
		0.8	0.81	0.8	0.81	0.8	0.81	1.0	0.8	0.81	0.8	0.8	
		1.0	1.02	1.0	1.02	1.0	1.02	1.2	1.0	1.02	1.0	1.0	
		1.5	1.57	1.5	1.57	1.5	1.57	1.5	1.5	1.57	1.5	1.5	
		2.0	2.03	2.0	2.03	2.0	2.03	2.0	2.0	2.03	2.0	2.0	
		3.0	3.18	3.0	3.18	3.0	3.18	3.0	3.0	3.0	4.06	3.0	3.0
					4.06		4.06		4.06		4.83		
			4.83		4.83		4.83						
Copper thicknesses	mm	18	35	18	35	18	35	17	35	35	35	35	
		35	70	35	70	35	70	35	70	70	70	70	
		70	bis	70	bis	70	bis	70	70	bis			
		105	350	105	350	105	350	105	105	350			
		140		140		140		140					
		210		210		210		210					
		350		350		350		350					
Dielectric	µm	75   100   125   150	76	75   100   125   150	76	75   100   125   150	76	80 and 100	75   100	38	50   75   100	75   100	
Dielectric filler	-	ceramics-glass	-	ceramics-glass	-	ceramics-glass	-	-	Ceramics	-	Ceramics	Ceramics	
Tg	°C	130	90	170	90	130	150	125	130	185	110	100	
HiPot resistance (VDC)	V	4500   5000   6000   6000	-	4500   5000   6000   6000	-	4500   5000   6000   6000	-	-	3500   4000	-	2500   3000   3500	2000   2500	
Dielectric strength (VAC)	V/mil	1500	2200	1500	2800	1500	2000	-	1000	2000	1000	750	
Flammability	-	V0	V0	V0	V0	V0	V0	V0	V0	V0	V0	V0	
CTI	V	600	600	600	0	600	0	0	600	0	600	600	
Special features									bendable				