

## Technical specification

### Gap Pad 1500

**Description** Comfortable, low hardness, electrically isolating, thermally conductive, un-reinforced construction for additional compliancy. The natural tack on both sides of the material allows for good compliance to adjacent surfaces of components, minimizing interfacial resistance. Typical applications include telecommunications, computer and peripherals.

Properties	Unit	Value	Test method
Colour		Black	Visual
Reinforcement carrier		-	
Thickness	Mm	0,508 – 0,580	ASTM D374
Inherent surface tack (1 sided)		2	
Density (Bulk rubber)	g/cc	2,1	ASTM D792
Heat Capacity	J/g-K	1,0	ASTM E1269
Hardness (Bulk Rubber)	Shore 00	40	ASTM D2240
Young's Modulus	kPa	310	ASTM D575
Continuous use temperature	°C	-60 to 200	
Dielectric Breakdown Voltage	Vac	>6000	ASTM D149
Dielectric Constant	1000 Hz	5,5	ASTM D150
Volume Resistivity	Ohm – meter	10 <sup>11</sup>	ASTM D257
Flame rating	Mm	V-O	U.L. 94
Thermal conductivity	W/m-K	1,5	ASTM D5470
<b>Thermal impedance at</b>			
10 % deflection	°C-in <sup>2</sup> /W 0,040" (3)	1,62	
20 % deflection	°C-in <sup>2</sup> /W 0,040" (3)	1,50	
30 & deflection	°C-in <sup>2</sup> /W 0,040" (3)	1,33	

This specification is given by our best knowledge and might be submitted to changes.