

Technical specification

Gap Pad VO Soft

Description Highly conformable, thermally conductive material for filling air gaps, low hardness and electrically isolating. Recommended for applications that require a minimum amount of pressure on components. The material can be used as an interface where one side is in contact with a leaded device. Typical applications include: telecommunications, power conversion, computer and peripherals.

Properties	Unit	Value	Test method
Colour		Mauve/Pink	Visual
Reinforcement carrier		Sil-Pad	
Thickness	Mm	0,508 to 5,080	ASTM D374
Inherent surface tack (1 sided)		1	
Density (Bulk rubber)	g/cc	1,6	ASTM D792
Heat Capacity	J/g-K	1,0	ASTM E1269
Hardness (Bulk Rubber)	Shore 00	25	ASTM D2240
Young's Modulus	kPa	275	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 ¹¹	ASTM D257
Flame rating	Mm	V-O	U.L. 94
Thermal conductivity	W/m-K	0,8	ASTM D5470
Thermal impedance at			
10 % deflection	°C-in ² /W 0,040" (3)	2,48	
20 % deflection	°C-in ² /W 0,040" (3)	2,29	
30 & deflection	°C-in ² /W 0,040" (3)	2,11	

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