

Gap Pad Comparison Table

		Gap Pad VO	Gap Pad VO Soft	Gap Pad VO Ultra Soft	Gap Pad 1000SF	Gap Pad HC 1000	Gap Pad 1500	Gap Pad 1500R
Property	Test Method	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value
Color	Visual	Gold/Pink	Mauve/Pink	Mauve/Pink	Green	Grey	Black	Black
Reinforcement Carrier	***	Sil-Pad	Sil-Pad	Sil-Pad	Fiberglass	Fiberglass	***	Fiberglass
Thickness, (inch) / (mm)	ASTM D374	0.020 to 0.250	0.020 to 0.200	0.020 to 0.250	0.010 to 0.125	0.010 to 0.020	0.020 to 0.200	0.010 to 0.020
Inherent Surface Tack, (1 or 2 sided)	***	1	1.0	1	2	1	2	2
Density, (g/cc)	ASTM D792	1.6	1.6	1.6	2.0	1.6	2.1	2.1
Heat Capacity, (J/g-k)	ASTM E1269	1	1.0	1.0	1.1	1.0	1.0	1.3
Hardness, Bulk Rubber, (Shore00) (1)	ASTM D2240	40	25	5	40	25	40	40
Young's Modulus, (psi) / (kPa) (2)	ASTM D575	100	40	8	34	40	45	45
Continuous Use Temp., (°F) / (°C)	***	-76 to 392	-76 to 392	-76 to 392	-76 to 257	-76 to 392	-76 to 392	-76 to 392
Electrical	Test Method	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value
Dielectric Breakdown Voltage, (Vac)	ASTM D149	>6000	>6000	>6000	>6000	>5000	>6000	>6000
Dielectric Constant, (1000 Hz)	ASTM D150	5.5	5.5	5.5	5.0	5.5	5.5	6.0
Volume Resistivity, (Ohm-meter)	ASTM D257	1011	1011	1011	1010	1011	1011	1011
Flame Rating	U.L. 94	V-O	V-O	V-O	V-1	V-O	V-O	V-O
Thermal	Test Method	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value
Thermal Conductivity, (W/m-K)	ASTM D5470	0.8	0.8	1.0	0.9	1.0	1.5	1.5

Gap Pad Comparison Table (cont.)

		Gap Pad A2000	Gap Pad 2000S40	Gap Pad 2500S20	Gap Pad 2500	Gap Pad A3000	Gap Pad 3000S30	Gap Pad 5000S35
Property	Test Method	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value
Color	Visual	Gray	Gray	Light Yellow	Light Brown	Gold	Light Blue	Light Green
Reinforcement Carrier	***	Fiberglass	Fiberglass	Fiberglass	***	Fiberglass	Fiberglass	Fiberglass
Thickness, (inch) / (mm)	ASTM D374	0.010 to 0.040	0.020 to 0.125	0.010 to 0.125	0.020 to 0.125	0.015 to 0.125	0.010 to 0.125	0.020 to 0.125
Inherent Surface Tack, (1 or 2 sided)	***	2	2	2	2	1	2	2
Density, (g/cc)	ASTM D792	2.9	2.9	3.1	3.1	3.2	3.2	3.6
Heat Capacity, (J/g-k)	ASTM E1269	1.0	0.6	1.0	1.0	1.0	1.0	1.0
Hardness, Bulk Rubber, (Shore00) (1)	ASTM D2240	80	25	20	80	80	30	35
Young's Modulus, (psi) / (kPa) (2)	ASTM D575	55	45	5	113	50	26	17.5
Continuous Use Temp., (°F) / (°C)	***	-76 to 392	-76 to 392	-76 to 392	-76 to 392	-76 to 392	-76 to 392	-76 to 392
Electrical	Test Method	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value
Dielectric Breakdown Voltage, (Vac)	ASTM D149	>5000	>5000	>3000	>6000	>5000	>3000	>5000
Dielectric Constant, (1000 Hz)	ASTM D150	6.0	6.0	6.6	6.8	7.0	7.0	7.5
Volume Resistivity, (Ohm-meter)	ASTM D257	1011	1011	1011	1011	1010	109	109
Flame Rating	U.L. 94	V-O	V-O	V-O	V-O	V-O	V-O	V-O
Thermal	Test Method	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value	Imperial Value
Thermal Conductivity, (W/m-K)	ASTM D5470	2.0	2.0	2.4	2.7	3.0	3.0	5.0