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	10^{11}	10^{11}	10^{11}	10^{10}	10^{11}	10^{11}	10^{11}
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
Property	**Test Method**	**Imperial Value**	**Imperial Value**	**Imperial Value**	**Imperial Value**	**Imperial Value**	**Imperial Value**
Color	Visual	Gray	Gray	Light Yellow	Light Brown	Gold	Light Blue
Reinforcement Carrier	***	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
Inherent Surface Tack (1 or 2 sided)	***	2	2	2	2	1	2
Density (g/cc)	ASTM D792	2.9	2.9	3.1	3.1	3.2	3.2
Heat Capacity (J/g-k)	ASTM E1269	1.0	0.6	1.0	1.0	1.0	1.0
Hardness, Bulk Rubber (Shore00) (1)	ASTM D2240	80	25	20	80	80	30
Young's Modulus (psi) / (kPa) (2)	ASTM D575	55	45	5	113	50	26
Continuous Use Temp. (°F) / (°C)	***	-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**
Dielectric Breakdown Voltage (Vac)	ASTM D149	>5000	>5000	>3000	>6000	>5000	>3000
Dielectric Constant (1000 Hz)	ASTM D150	6.0	6.0	6.6	6.8	7.0	7.0
Volume Resistivity (Ohm-meter)	ASTM D257	10^{11}	10^{11}	10^{11}	10^{11}	10^{10}	10^{9}
Flame Rating	U.L. 94	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**
Thermal Conductivity (W/m-K)	ASTM D5470	2.0	2.0	2.4	2.7	3.0	3.0