

Our complete range of GTG thermal gap pad



Thermal conductivity	Equivalent	New reference	Color	Hardness Shore 00	Thickness mm	Flame retardant	RoHs	Working temperature (°C)	Density g/cm3	Elongation %	Thermal conductivity W/m.k	Dielectric strength kV/mm	Breakdown voltage kV/mm	Volume resistivity Ω.m	Dielectric constant @1Mhz	Dissipation factor @1MHz
Standards				ASTM D2240		UL 94			ASTM D792	ASTM D412	ASTM D 7984 Modified transient plane source(MTPS)	ASTM D149	ASTM D149	ASTM D257	ASTM D150	ASTM D150
1 W/m.K		GTG 1-40	Grey	40 ± 5	0.5 to 20 mm	V0	Yes	-60°C to +200°C	2.6	< 200	1 ± 0.1	11	17	10 ¹³	4	0.006
	GTG 9005	GTG 1.3-45*		45 ± 5							1.3 ± 0.1	5	18			
	GTG 1-60	60 ± 5		1 ± 0.1							11	17				
	GTG 1-75	75 ± 5														
	GTG 1-85	85 ± 5		200												
2 W/m.K		GTG 2-40	Blue	40 ± 5	0.5 to 20 mm	V0	Yes	-45 °C to +200°C	2.7	< 100	2 ± 0.1	14	17	10 ¹²	4.2	0.005
	GTG 9010	GTG 2.5-50		50 ± 5					2.75		2.5 ± 0.1	18	16			
	GTG 2-60	60 ± 5		2.7					2 ± 0.1		14	17				
	GTG 2-75	75 ± 5														
	GTG 2-85	85 ± 5		100												
3 W/m.K	GTG 9017	GTG 3-35	Light blue	35 ± 5	0.5 to 20 mm	V0	Yes	-40°C to + 200 °C	2.9	< 100	3 ± 0.1	11	15	10 ¹¹	5.5	0.005
	GTG 3-40	40 ± 5		3.5 ± 0.1												
	GTG 9018	GTG 3.5-50		50 ± 5					2.95	3 ± 0.1						
	GTG 3-60	60 ± 5		2.9							100	3 ± 0.1				
	GTG 9015	GTG 3-75							75 ± 5							
	GTG 3-85	85 ± 5														
4 W/m.K		GTG 4-40	Green	40 ± 5	0.5 to 20 mm	V0	Yes	-40°C to + 200 °C	3.09	< 100	4 ± 0.1	16	18	10 ¹¹	7	0.008
	GTG 4-60	60 ± 5		100												
	GTG 9019	GTG 4-75		75 ± 5												
	GTG 4-85	85 ± 5														
5 W/m.K		GTG 5-40	Green	40 ± 5	0.5 to 20 mm	V0	Yes	-40°C to +200°C	3.12	< 50	5 ± 0.1	15	18	10 ¹¹	7.5	0.006
	GTG 5-60	60 ± 5		50												
	GTG 5-70	70 ± 5														
	GTG 5-85	85 ± 5														
6 W/m.K		GTG 6-40	Green	40 ± 5	0.8 to 20 mm	V0	Yes	-40°C to +200°C	3.23	< 50	6 ± 0.1	14	17	10 ¹¹	8.1	0.007
	GTG 9021	GTG 6-55		55 ± 5						50						
	GTG 6-75	75 ± 5														
	GTG 6-85	85 ± 5														
7.5 W/m.K	GTG 9025	GTG 7.5-35	Light grey	35 (-5 +20)	0.8 to 20 mm	V0	Yes	-40°C to +200°C	3.23	< 40	7.5 ± 0.1	10	16	10 ¹¹	7.9	0.013
	GTG 7.5-60	60 (-5 +20)														
8 W/m.K		GTG 8-65**	Light grey	65 ± 5	1 to 20 mm	V0	Yes	-40°C to 200°C	3.3	< 30	8 ± 0.1	8	14	10 ¹¹	7	0.02
	GTG 8.5-80	80 ± 5		1.5 to 10 mm	V0	Yes	-40 °C to +150°C	3.02	> 20	8.6 ± 0.1	11	17	10 ¹¹	8.1	0.014	

* Le GTG 1.3-45 contains 0.09 % volatile organic component

** Also available in an aerospace qualified version according to the ESA-ECSS-Q-ST-70-02C standard