

### OpTIM™ Phase Change Thermal Interface Materials

Product Description	Color	Thickness Range [inch/ (mm)]	Thermal Conductivity [W/mK]	Phase Change Temperature range [°C]	Operation Temperature [°C]	Halogen-Free [<700ppm]	Sample
OC-800	White	0.005(0.127)~0.020(0.500)	2.5	50°C~65°C	-40°C~130°C	Yes	
OC-7300	Grey	0.005(0.127)~0.020(0.500)	4.0	50°C~65°C	-40°C~130°C	Yes	

### OpTIM™ Thermally Conductive Gap Pad/Fillers

Product Description	Color	Thickness Range [inch/ (mm)]	Thermal Conductivity [W/mK]	Hardness [Shore 00]	Operation Temperature [°C]	Halogen-Free [<700ppm]	Sample
OP-8100	Blue	0.01"(0.25)~0.20"(5.0)	1.2	60	-40°C~200°C	Yes	
OP-8200	Light-Grey	0.01"(0.25)~0.20"(5.0)	1.5	60	-40°C~200°C	Yes	
OP-8300	Sky-Blue	0.02"(0.5)~0.20"(5.0)	1.5	25	-40°C~200°C	Yes	
OP-8400	Pink	0.02"(0.5)~0.20"(5.0)	2.5	40	-40°C~200°C	Yes	
OP-8500	Violet	0.02"(0.5)~0.20"(5.0)	3.0	40	-40°C~200°C	Yes	
OP-8600	Pink	0.02"(0.5)~0.20"(5.0)	3.2	45	-40°C~200°C	Yes	
OP-8700	White	0.02"(0.5)~0.20"(5.0)	3.2	45	-40°C~200°C	Yes	
OP-8800	Yellow	0.02"(0.5)~0.20"(5.0)	6.0	70	-40°C~200°C	Yes	
OP-9500	Grey	0.02"(0.5)~0.12"(3.0)	14.0	50	-40°C~200°C	Yes	

### OpTIM™ Thermally Conductive Insulators

Product Description	Color	Thickness Range [inch/ (mm)]	Thermal Conductivity [W/mK]	Hardness [Shore 00]	Operation Temperature [°C]	Halogen-Free [<700ppm]	Sample
OI-2000	White	0.01"(0.25)~0.03"(0.76)	5.0	80	-40°C~200°C	Yes	

### OpTIM™ Thermally Conductive Grease

Product Description	Color	Coverage Area [cm <sup>2</sup> /g]	Thermal Conductivity [W/mK]	Density [g/cm <sup>3</sup> ]	Operation Temperature [°C]	Halogen-Free [<700ppm]	Sample
OG-870	Grey	66.3	7.0	1.98	-40°C~160°C	Yes	
OG-880	White	98.9	5.5	1.26	-40°C~160°C	Yes	

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