



## Tpli™ 200 Series Gap Filler Material

### Industry Leading Soft Elastomer Gap Filler

Tpli 200 Series™ is the premium gap filler. An unique blend of boron nitride and silicone produce Laird Technologies' highest performing interface pad.

Tpli 200's exceptional combination of high thermal conductivity and compliancy generate unmatched thermal resistances in a gap filling interface material. Tpli 200 absorbs shock and relieves stresses, thus minimizing potential damage to components. Tpli is electrically insulating, stable from -45°C to 200°C, and meets UL 94HB rating.

Item #	Color	Thickness	Density	Tensile Strength	Thermal Resistance at 10 psi	Thermal Resistance at 69 KPa
Tpli 210	Rose	0.010 inches 0.254 mm	1.44 g/cc	N/A	0.160 °C-in <sup>2</sup> /W	1.03 °C-cm <sup>2</sup> /W
Tpli 215	Yellow	0.015 inches 0.381 mm	1.44 g/cc	N/A	0.190 °C-in <sup>2</sup> /W	1.25 °C-cm <sup>2</sup> /W
Tpli 220	Blue	0.020 inches 0.508 mm	1.43 g/cc	35 psi	0.210 °C-in <sup>2</sup> /W	1.35 °C-cm <sup>2</sup> /W
Tpli 225	Green	0.025 inches 0.635 mm	1.43 g/cc	35 psi	0.270 °C-in <sup>2</sup> /W	1.75 °C-cm <sup>2</sup> /W
Tpli 230	Gray	0.030 inches 0.762 mm	1.43 g/cc	35 psi	0.320 °C-in <sup>2</sup> /W	2.06 °C-cm <sup>2</sup> /W
Tpli 240	Yellow	0.040 inches 1.016 mm	1.43 g/cc	35 psi	0.370 °C-in <sup>2</sup> /W	2.45 °C-cm <sup>2</sup> /W
Tpli 250	Gray	0.050 inches 1.270 mm	1.38 g/cc	20 psi	0.430 °C-in <sup>2</sup> /W	3.03 °C-cm <sup>2</sup> /W
Tpli 260	Gray	0.060 inches 1.524 mm	1.38 g/cc	20 psi	0.490 °C-in <sup>2</sup> /W	3.35 °C-cm <sup>2</sup> /W
Tpli 270	Gray	0.070 inches 1.778 mm	1.38 g/cc	20 psi	0.550 °C-in <sup>2</sup> /W	3.55 °C-cm <sup>2</sup> /W
Tpli 280	Gray	0.080 inches 2.032 mm	1.38 g/cc	15 psi	0.650 °C-in <sup>2</sup> /W	4.19 °C-cm <sup>2</sup> /W
Tpli 290	Gray	0.090 inches 2.286 mm	1.38 g/cc	15 psi	0.750 °C-in <sup>2</sup> /W	4.87 °C-cm <sup>2</sup> /W
Tpli 2100	Gray	0.100 inches 2.540 mm	1.36 g/cc	15 psi	0.840 °C-in <sup>2</sup> /W	5.81 °C-cm <sup>2</sup> /W
Tpli 2110	Gray	0.110 inches 2.794 mm	1.36 g/cc	15 psi	0.890 °C-in <sup>2</sup> /W	5.94 °C-cm <sup>2</sup> /W
Tpli 2120	Gray	0.120 inches 3.048 mm	1.36 g/cc	15 psi	0.960 °C-in <sup>2</sup> /W	6.00 °C-cm <sup>2</sup> /W
Tpli 2130	Gray	0.130 inches 3.302 mm	1.36 g/cc	15 psi	1.030 °C-in <sup>2</sup> /W	6.58 °C-cm <sup>2</sup> /W
Tpli 2140	Gray	0.140 inches 3.556 mm	1.36 g/cc	15 psi	1.110 °C-in <sup>2</sup> /W	7.16 °C-cm <sup>2</sup> /W
Tpli 2150	Gray	0.140 inches 3.556 mm	1.36 g/cc	15 psi	1.170 °C-in <sup>2</sup> /W	7.87 °C-cm <sup>2</sup> /W
Tpli 2160	Gray	0.160 inches 4.064 mm	1.36 g/cc	15 psi	1.240 °C-in <sup>2</sup> /W	8.06 °C-cm <sup>2</sup> /W
Tpli 2170	Gray	0.170 inches 4.138 mm	1.36 g/cc	15 psi	1.280 °C-in <sup>2</sup> /W	8.19 °C-cm <sup>2</sup> /W
Tpli 2180	Gray	0.180 inches 4.572 mm	1.36 g/cc	15 psi	1.360 °C-in <sup>2</sup> /W	8.52 °C-cm <sup>2</sup> /W
Tpli 2190	Gray	0.190 inches 4.826 mm	1.36 g/cc	15 psi	1.450 °C-in <sup>2</sup> /W	8.90 °C-cm <sup>2</sup> /W
Tpli 2200	Gray	0.200 inches 5.080 mm	1.36 g/cc	15 psi	1.570 °C-in <sup>2</sup> /W	10.13 °C-cm <sup>2</sup> /W