

Tflex™ 200 V0 Series Gap Filler Material



The Tflex™ 200 V0 Series is a very soft, free standing gap filler that is more compressible than most gap fillers. Tflex™ 200 V0 combines good thermal conductivity of 1.1 W/m-K with high compressibility to produce low thermal resistance. The alumina filler allows Tflex™ 200 V0 to remain a cost effective solution where moderate thermal performance is acceptable. Tflex™ 200 V0 is naturally tacky and does not need an additional adhesive coating that can inhibit thermal performance. Tflex™ 200 V0 is electrically insulating, stable from -40°C to 160°C and meets UL 94 V0 rating.

Item #	Color	Thickness	Hardness	Thermal Resistance at 10 psi	Thermal Resistance at 69 KPa
Tflex 210 V0	Gray	0.010 inches 0.254 mm	50 Shore OO	0.580 °C-in ² /W	3.77 °C-cm ² /W
Tflex 220 V0	Light Gray	0.020 inches 0.508 mm	50 Shore OO	0.800 °C-in ² /W	5.13 °C-cm ² /W
Tflex 230 V0	Light Gray	0.030 inches 0.762 mm	50 Shore OO	1.200 °C-in ² /W	7.74 °C-cm ² /W
Tflex 240 V0	Light Gray	0.040 inches 1.016 mm	45 Shore OO	1.570 °C-in ² /W	10.13 °C-cm ² /W
Tflex 250 V0	Light Gray	0.050 inches 1.270 mm	45 Shore OO	1.820 °C-in ² /W	11.72 °C-cm ² /W
Tflex 260 V0	Light Gray	0.060 inches 1.524 mm	45 Shore OO	2.050 °C-in ² /W	13.25 °C-cm ² /W
Tflex 270 V0	Light Gray	0.070 inches 1.778 mm	45 Shore OO	2.280 °C-in ² /W	14.74 °C-cm ² /W
Tflex 280 V0	Light Gray	0.080 inches 2.032 mm	45 Shore OO	2.510 °C-in ² /W	16.70 °C-cm ² /W
Tflex 290 V0	Light Gray	0.090 inches 2.286 mm	45 Shore OO	2.720 °C-in ² /W	17.55 °C-cm ² /W
Tflex 2100 V0	Light Gray	0.100 inches 2.540 mm	45 Shore OO	2.930 °C-in ² /W	18.88 °C-cm ² /W
Tflex 2110 V0	Light Gray	0.110 inches 2.794 mm	45 Shore OO	3.120 °C-in ² /W	20.16 °C-cm ² /W
Tflex 2120 V0	Light Gray	0.120 inches 3.048 mm	45 Shore OO	3.310 °C-in ² /W	21.38 °C-cm ² /W
Tflex 2130 V0	Light Gray	0.130 inches 3.302 mm	45 Shore OO	3.500 °C-in ² /W	22.56 °C-cm ² /W
Tflex 2140 V0	Light Gray	0.140 inches 3.556 mm	45 Shore OO	3.670 °C-in ² /W	23.68 °C-cm ² /W
Tflex 2150 V0	Light Gray	0.150 inches 3.810 mm	45 Shore OO	3.840 °C-in ² /W	24.75 °C-cm ² /W
Tflex 2160 V0	Light Gray	0.160 inches 4.064 mm	45 Shore OO	3.990 °C-in ² /W	25.77 °C-cm ² /W
Tflex 2170 V0	Light Gray	0.170 inches 4.318 mm	45 Shore OO	4.140 °C-in ² /W	26.74 °C-cm ² /W
Tflex 2180 V0	Light Gray	0.180 inches 4.572 mm	45 Shore OO	4.290 °C-in ² /W	27.65 °C-cm ² /W
Tflex 2190 V0	Light Gray	0.190 inches 4.826 mm	45 Shore OO	4.420 °C-in ² /W	28.52 °C-cm ² /W
Tflex 2200 V0	Light Gray	0.200 inches 5.080 mm	45 Shore OO	4.550 °C-in ² /W	29.33 °C-cm ² /W