Tflex™ XS400 Series Gap Filler Material

Compliant 2.0 W/mK Thermally Conductive Gap Filler

Tflex™ XS400 is a compliant elastomer gap filler designed to provide moderate thermal performance. This soft interface pad conforms well with minimal pressure, resulting in little or no stress on mating parts.
Tflex™ XS400 is naturally tacky, no adhesive coating is required. Due to its TG liner on the other side, Tflex™ XS400 is electrically insulating, stable from -40°C to 160°C and is certified to UL 94V0 flammability rating.

Item #	Color	Thickness	Hardness	Outgassing TML	Outgassing CVCM
Tflex XS420	Dark Grey / Red Liner	0.020 inches 0.508 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS430	Dark Grey / Red Liner	0.030 inches 0.762 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS440	Dark Grey / Red Liner	0.040 inches 1.02 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS450	Dark Grey / Red Liner	0.050 inches 1.27 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS460	Dark Grey / Red Liner	0.060 inches 1.52 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS470	Dark Grey / Red Liner	0.070 inches 1.78 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS480	Dark Grey / Red Liner	0.080 inches 2.03 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS490	Dark Grey / Red Liner	0.090 inches 2.29 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4100	Dark Grey / Red Liner	0.100 inches 2.54 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4110	Dark Grey / Red Liner	0.110 inches 2.79 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4120	Dark Grey / Red Liner	0.120 inches 3.05 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4130	Dark Grey / Red Liner	0.130 inches 3.30 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4140	Dark Grey / Red Liner	0.140 inches 3.56 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4150	Dark Grey / Red Liner	0.150 inches 3.81 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4160	Dark Grey / Red Liner	0.160 inches 4.06 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4170	Dark Grey / Red Liner	0.170 inches 4.32 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4180	Dark Grey / Red Liner	0.180 inches 4.57 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4190	Dark Grey / Red Liner	0.190 inches 4.83 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %
Tflex XS4200	Dark Grey / Red Liner	0.200 inches 5.08 mm	3 secs: 30 to 35 30 secs: 22 to 27	0.32 %	0.08 %