



## Tflex™ HR600 Series Gap Filler Material

### Mid-Performance Gap Filler with 3 W/mK

Tflex™ HR600 is a cost-effective and compliant gap filler thermal interface material with excellent thermal performance and great handling for mass-production applications.

The low modulus interface pad conforms to component topography, resulting in little stress on the components, mating chassis or parts. The softness relieves mechanical stress from high stack-up tolerance and absorbs shock, resulting in improved device reliability. Tflex HR600's recovery properties for applications requiring material rework result in continued mechanical integrity even after device rework and re-assembly.

Tflex HR600 is naturally tacky on both sides and requires no additional adhesive coating to inhibit thermal performance. The tack is designed to hold the pad in place during assembly and component transport.

Tflex HR600 is electrically insulating, stable from -45°C thru 200°C, and meets UL 94V0 flame rating.

Item #	Color	Thickness	Density	Hardness	Outgassing TML	Outgassing CVCM
Tflex HR610	Dark Grey	0.010 inches 0.254 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR620	Dark Grey	0.020 inches 0.508 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR630	Dark Grey	0.030 inches 0.762 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR640	Dark Grey	0.040 inches 1.014 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR650	Dark Grey	0.050 inches 1.270 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR660	Dark Grey	0.060 inches 1.524 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR670	Dark Grey	0.070 inches 1.778 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR680	Dark Grey	0.080 inches 2.032 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR690	Dark Grey	0.090 inches 2.286 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6100	Dark Grey	0.10 inches 2.540 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6110	Dark Grey	0.110 inches 2.794 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6120	Dark Grey	0.120 inches 3.048 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6130	Dark Grey	0.130 inches 3.302 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6140	Dark Grey	0.140 inches 3.556 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6150	Dark Grey	0.150 inches 3.810 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6160	Dark Grey	0.160 inches 4.064 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6170	Dark Grey	0.170 inches 4.318 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6180	Dark Grey	0.180 inches 4.572 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6190	Dark Grey	0.190 inches 4.826 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %
Tflex HR6200	Dark Grey	0.200 inches 5.000 mm	2.5 g/cc	40(at 3 second delay) Shore OO	0.19 %	0.07 %