



Tputty™ 502 Series Gap Filler Material

Tputty™ 502 Series is the best material for applications where large tolerance differences create the need for compression of interface material beyond 50% of its original thickness.

Tputty™ 502 flows to ensure low pressures on the components being cooled. In conjunction with outstanding compression characteristics, Tputty™ 502 has a high thermal conductivity that results in very low thermal resistance.

Tputty™ 502 is naturally tacky and requires no further adhesive coating, which would inhibit thermal performance. Tputty™ 502 has a hardness of 5 (Shore OO), is electrically insulating, and is stable from -45°C to 200°C.

Item #	Color	Thickness	Density	Hardness	Breakdown Voltage
Tputty 502 0.020	White	0.020 inches 0.508 mm	1.39 g/cc	05 Shore OO	2000 VAC
Tputty 502 0.030	White	0.030 inches 0.762 mm	1.38 g/cc	05 Shore OO	3000 VAC
Tputty 502 0.040	White	0.040 inches 1.016 mm	1.38 g/cc	05 Shore OO	4000 VAC
Tputty 502 0.050	White	0.050 inches 1.270 mm	1.37 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.060	White	0.060 inches 1.524 mm	1.37 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.070	White	0.070 inches 1.778 mm	1.37 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.080	White	0.080 inches 2.032 mm	1.37 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.090	White	0.090 inches 2.286 mm	1.37 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.100	White	0.100 inches 2.540 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.110	White	0.110 inches 2.794 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.120	White	0.120 inches 3.048 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.130	White	0.130 inches 3.302 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.140	White	0.140 inches 3.556 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.150	White	0.150 inches 3.810 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.160	White	0.160 inches 4.064 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.170	White	0.170 inches 4.318 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.180	White	0.180 inches 4.572 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.190	White	0.190 inches 4.826 mm	1.36 g/cc	05 Shore OO	>5000 VAC
Tputty 502 0.200	White	0.200 inches 5.080 mm	1.36 g/cc	05 Shore OO	>5000 VAC