



# TG-A3200L

## Low Bleed Thermal Pad

REACH Compliant

RoHS Compliant

UL Comparable

### Features

- Low bleed
- High compressibility
- Self-adhesive
- High thermal conductivity

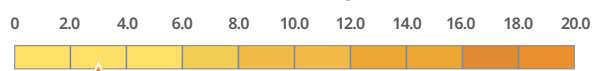
### Applications

Best for high power applications

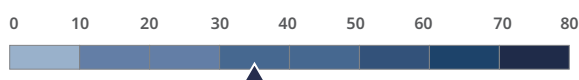
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

### Properties

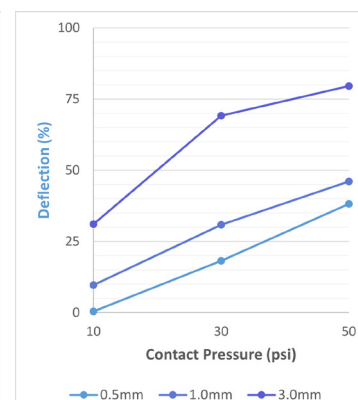
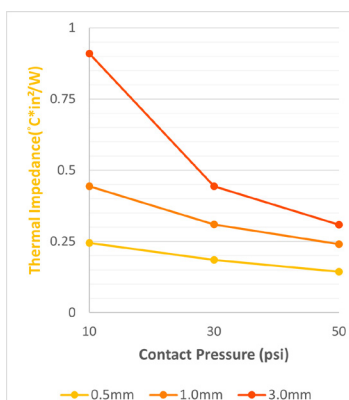
Thermal Conductivity : 3.2 W/m·K



Hardness : 35 (Shore OO)



### Contact Pressure, Thermal Impedance, and Deflection



| Properties                   | Unit     | TG-A3200L        | Tolerance | Test Method          |
|------------------------------|----------|------------------|-----------|----------------------|
| Thermal Conductivity         | W/m·K    | 3.2              | ±10%      | ASTM D5470 Modified  |
| Thickness                    | mm       | 0.5~8.0          | -         | ASTM D374            |
|                              | inch     | 0.0197~0.3149    | -         | ASTM D374            |
| Color                        | -        | Light Gray       | -         | Colorimeter CIE 1976 |
| Flame Rating                 | -        | V-0              | -         | UL 94                |
| Dielectric Breakdown Voltage | kV/mm    | ≥6               | -         | ASTM D149            |
| Weight Loss                  | %        | <1               | -         | By T-Global          |
| Density                      | g/cm³    | 3                | ±5%       | ASTM D792            |
| Operating Temperature        | °C       | -50~+150         | -         | -                    |
| Volume Resistivity           | Ohm·m    | 10 <sup>13</sup> | ±10%      | ASTM D257            |
| Bleeding Width               | mm       | <3               | -         | T-Global Test Method |
| Tensile Strength @T3.0mm     | kgf/cm²  | ≥20              | -         | ASTM D412            |
| Elongation                   | %        | ≥120             | -         | ASTM D412            |
| Standard Format              | -        | Sheet            | -         | -                    |
| Hardness                     | Shore OO | 35               | ±10       | ASTM D2240           |

※ For thicknesses less than 1.0mm, hardness will be adjusted to 50-75 Shore OO to facilitate effective removal of liner during production

※ Different tolerances according to the selected thickness

※ Die-cut for different shapes

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