



Applications

- Bonding of heat sink for PCB and IC packages.
- Mounting of IC, GPU, heat pipes, and heat sinks.
- Heat transferring applications in electronic and electric appliances.



	Unit of Measure	Result	Test/Spec
Base Material		Glass Fiber	
Color		White	
Thickness	mm	0.100 +/- 10%	
Thermally Conductive Acrylic Adhesive	mm	0.15 +/- 10%	1mm/1000mm Thickness Dial Gage/Mitutoyo 7313
Total Thickness	mm	0.25 +/- 10%	
Tensile Strength	kg/10mm	0.16	
Elongation	%	550	
Shear Adhesion	kg/cm ²	3.5	
Adhesive Power (180° Peel, gf/26mm)		1000	PET Film (25µm)/min SUS 304 Plate
Holding Power	sec	More than 3600	PET Film (25µm), 40°C, 500g
Dielectric Breakdown	kV	4.0	
Thermal Impedance Coefficient	°C-in ² /W	0.7	ASTMD5470
Thermal Conductivity	W/m-K	1.0	ASTMD5470

Notes

- Adhesive is stored in a clean and dust-free environment with a temperature range of 20~25°C without any direct sunlight.
- No load bearing onto adhesive.
- To obtain optimum adhesion, the bonding surface should be clean, dry, and well unified.

Nelson-Miller, Inc.



Nelson-Miller is a global and low-cost manufacturer of human interface (HMI) products such as touch screens and membrane switches, as well as mechanical components including nameplates, overlays, molded and extruded plastics and rubber, gaskets, stamped metal, RMI & EFI shielding, and thermal management materials. We manufacture in the U.S., China, and Mexico.

Our diverse product line stretches across multiple facets of the converting, and molded and extruded plastics and rubbers industry, producing EMI gaskets, EMI/RFI shielding components, ferrites, conductive elastomers, die cut gaskets, seals, o-rings, and other molded and extruded rubber products across a diverse marketplace, and can be found throughout the automotive, medical, military, aerospace, electronics, and communications industry.

Whatever your design criteria, let Nelson-Miller manage and deliver from concept to production. To learn more about how Nelson-Miller products and solutions can enhance your application, please request information today.

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