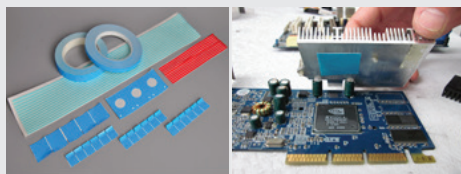


## Technical Data Sheet

EverTherm EVSA410 thermally conductive double-sided adhesive tape is widely used to bond heat sinks to microprocessors and other power consuming semiconductors. EVSA410 is a versatile product with extremely high bonding strength and low thermal impedance. The result is a perfect solution to easily replace silicone grease, putty and other mechanical fasteners.



### Material Properties

- High-strength viscosity suitable for many surfaces
- Double-sided pressure-sensitive adhesive tape
- High thermally conductive acrylic adhesive
- Will not breakdown under continuous high temperature

### Applications

- ✓ LED lighting products
- ✓ Chassis, frame or other cooling components
- ✓ Large capacity drive
- ✓ Heat pipe assembly
- ✓ RDRAM memory
- ✓ High frequency micro processing chip
- ✓ Notebook and desktop computers



# EVSA410

|   |            |            |
|---|------------|------------|
| Color   | White      | Visual     |
| Substrate   | Without    | ***        |
| Thickness(mm)   | 0.25±0.01  | ASTM D374  |
| Breakdown Voltage (V)                                   | >4500      | ASTM D149  |
| Release force   | 2.5kg/25mm | PSTC-3     |
| Shear strength 1.0 kg loading on 25 mm x 25 mm          | > 48 hrs   | PSTC-7     |
| Thermal resistance 0.5kg loading on 25mm x 25mm at 80°C | > 48 hrs   | ***        |
| Thermal conductivity (W/mk)                             | 1.0        | ASTM D5470 |
| Operating temperature( )                                | -30 - 100  | ***        |
| RoHS  | PASS       | IEC 62321  |
| Halogen   | PASS       | EN14582    |
| REACH   | PASS       | EN14372    |

Test fixtures using ASTM D5470. Recorded values include interface thermal resistance. These values are for reference only. The actual application performance is directly related to the applied surface roughness, flatness and pressure.

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**Note:** The information provided herein is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical. Therefore, these recommendations and data are for reference only and not as a product warranty.