



**SUN BRAND**

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# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

TECHNICAL DATA SHEET

**Product Code – AS-115-C**

**TRANSFER TAPE – 100 mic**

**Description:** Transfer Tape – 100 micron is non-carrier thermal conductive adhesive. The tape satisfies the demand of high adhesion and excellent thermal conductive efficiency by providing a preferential heat-transfer path between heat-generating components and heat sink or other cooling devices. Only pressure is required to form an excellent bond and thermal interface due to high tack thermal conductive adhesive. It's flexible and conformable nature makes it ideal for uneven surfaces.

**Application:** Transfer Tape – 100 micron is widely used in assembly of LED light bar module and metal frame bezel and heat sink. The performance of thermal conductivity, insulation, buffer and high tack makes it one of the best choices for electronic application.

**Application Technique:** For best results, ensure the surface is clean, dry and dust free before application of the tape. Apply even and firm pressure for better adhesion results.

## TECHNICAL VALUES

| PROPERTIES                   | VALUE                       |
|------------------------------|-----------------------------|
| Adhesive                     | Thermal Conductive Adhesive |
| Total Thickness              | 100 $\mu$ m                 |
| Adhesion to Steel (g/25 mm)  | 1,200 ~ 1,800 gms           |
| Thermal Conductivity (W/m-k) | 1.2                         |
| Voltage Resistance (Kv/mm)   | 3.5 ~ 8.0                   |
| Temperature Resistance       | 80°C ~ 120 °C               |
| Release Liner                | White Release Paper         |
| Colour                       | White                       |

**Storage & Shelf Life:** The tape should be stored in a cool and dry place and prolonged exposure to the direct sunlight should be avoided. To obtain best performance, the product should be used within 12 months from the manufacturing date.

[www.adhesivespecialities.co.in](http://www.adhesivespecialities.co.in)

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The technical values are determined by/based on standard tests. Our recommendations on the use of the product are based on reliable in-house tests, but the users are requested to conduct their own test to determine the suitability of the product. Adhesive Specialities will not be responsible for any loss or damage caused as a result of our recommendations.