



**SUN BRAND**

Securely *Sealing* Sentiments  
An ISO CERTIFIED COMPANY

# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

TECHNICAL DATA SHEET

**Product Code – AS-091 – B**

**REFLECTIVE TAPE – WHITE**

**Description:** Reflective Tape is a multipurpose thin, conformable, and flexible retro reflective tape that is designed to enhance the visibility of articles upon which it is placed in night time and low-light conditions. The enhanced visibility is achieved by employing the principle of retro reflection. The retro reflective surface contains exposed, wide-angle lenses that when illuminated by a light source (such as automobile headlights), return the light back to the source (to the automobile driver's eye).

**Application:** Reflective Tape is retro-reflective tape of commercial grade with high visibility at night with excellent weather resistance in high/low temperature. Can be used as temporary traffic sign, advertisement and so on.

**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       |
|-----------------------|-------------|
| Base Material         | Acrylic     |
| Thickness of Film     | 100 µm      |
| Adhesive Thickness    | 35 µm       |
| Strength of Adhesive  | 0.8 kg      |
| Operating Temperature | 5 – 30 °C   |
| Working Temperature   | -20 – 60 °C |
| Durability            | 3 years     |

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

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!

© ADHESIVE SPECIALITIES



**SUN BRAND**

Securely *Sealing* Sentiments  
An ISO CERTIFIED COMPANY

# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

## TECHNICAL DATA SHEET

Color Chromaticity( ASTM Requirement of Col $\bar{o}$ r-chromaticity):

Standard Light Source: D65

Observation Condition: 45/0

Observation Angle: 2 degree.

| Color | Color chromaticity |       |      | Luminance Factor |
|-------|--------------------|-------|------|------------------|
|       | X                  | Y     | Z    |                  |
| White | 0.310              | 0.330 | 0.44 | $\geq 0.27$      |

Coefficient of Retro-reflection (Real Testing)

| Observation angle | Entrance angle | Values coefficient of luminous intensity |
|-------------------|----------------|--|
|                   |                | White                                    |
| 0.2°              | -4°            | 15                                       |

**Storage & Shelf Life:** The tape should be stored in 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 date of manufacture.

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

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!