



# PRODUCT DATA BULLETIN

Product Data Bulletin: S-19

## Avery Graphics™ Conspicuity Tape 7-year **SPECIALTY** retro reflective prismatic sheeting Dated: 3/26/02

### Description:

Avery Graphics™ Conspicuity Tape sheeting is a high quality, durable, self-adhesive prismatic lens retro reflective material. It is designed for use on vehicles for easy nighttime vehicle recognition.

Application information can be found in the Avery Graphics Application Guide.

For surface preparation, converting and printing, and application and removal instructions, please refer to the Avery Graphics Instructional Bulletin.

### Construction:

- Face Film: 15.0 mil retro-reflective specialty film
- Adhesive: 1.0 mil clear acrylic permanent solvent pressure-sensitive adhesive
- Liner: 1.5 mil polyethylene film

### Physical Properties:

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification). Additional application references can be found in the Avery Graphics Application Guide.

- Outdoor durability: 8 years when properly processed and applied (vertical exposure, unprinted film).\*\*
- Application surface contours: Recommended for flat surfaces only.
- Minimum surface and air application temperature: +60°F (16°C)
- Service Temperature Range: -40°F to 180°F (-40°C to 82°C). (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions.)
- Typical Chemical Resistance: Resistant to most mild acids, alkalis and salt solutions. See Instructional Bulletin for recommendations on cleaning.
- Shelf Life: One year when stored at temperatures and humidity conditions: 68°- 77° F (20°C -25°C ) 50+/-5% Relative Humidity.

- Typical Adhesion Values: **180° Peels**

Substrate	24 hr	1 week
Anodized Aluminum	4.0 lbs/in	4.5 lbs/in

NOTE: Tested per ASTM D1000. Always pre-test your specific substrate prior to actual application.

- Reflectivity: Meets or exceeds applicable requirements mentioned in NHTSA (49 CR 571) DOT-2

- Gloss: NA
- Tensile at Yield: NA
- Elongation: NA
- Dimensional Stability: Less than 0.03 inches (0.8 mm) shrinkage after 1000 hours Atlas Twin Carbon Arc Weatherometer

**Typical Converting Methods:**

**CUTTING**

Computer Sign Cutting: no

Angle of Blade: NA

Minimum letter Height: NA

**PRINTING**

Thermal Transfer Printing: no

Ink Jet Printing: no

E-Stat printing: no

Screen Printing: no

Avery Graphics Conspicuity Tape is not designed for use as a printed decal. Applications involving the printing of Avery Graphics conspicuity tape are not covered by the warranty.

**Exceptions:**

Durability Exceptions: none

Pigmented Adhesive Exceptions: none

\*\* Some color fade may occur in severe environmental areas such as, Florida, Arizona, Nevada, New Mexico, Utah, Southwest Texas and Southern California. Durability statement does not apply outside of the contiguous 48 states as testing has not been done in those regions.

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