

# Avery Dennison®

## Application Techniques of Conspicuity Products

Instructional Bulletin #8.14  
Revised: May 2011

### Substrate Preparation

Before applying Avery Dennison conspicuity film, the substrate should be smooth and free of dirt, grime and oils. It is best to assume all surfaces are contaminated and require cleaning prior to application. It is recommended that the following steps be followed:

1. Wash the surface with a detergent and water to remove all dirt and grime.
2. Rinse the surface, removing all detergent and residue, and thoroughly dry it.
3. After washing, treat the surface with a fast-drying compatible solvent wipe such as Isopropanol or VM+P Naphtha.
4. Make sure areas around rivets and seams are dry before application. These areas tend to retain water and solvents even after wiping them down. It is best to let the vehicle sit overnight or use a heat gun over these surfaces to ensure these areas are dry.

Caution: Do NOT apply Avery Dennison conspicuity film over coarse, rusted or loose painted surfaces. If these surfaces are present, take the following steps to make the surface suitable for application:

1. Grind or sand the surface to flatten out the pitted areas and to remove all rust and loose paint. When completed, you should have a smooth application area free of any grooves or indentations.
2. After the surface is smooth, wipe it with a fast-drying solvent to wash away any dust or fine particles left from the grinding and sanding processes.
3. Paint areas with exposed metal with a rust preventative fast drying paint.
4. Before applying the sheeting, check the paint for good adhesion. Do this by pressing a piece of masking tape on the paint and removing it quickly. None of the paint should transfer to the tape.
5. Clean the entire surface again with solvent and wipe dry before applying the sheeting.

For more details on specific substrate information, please refer to Instructional Bulletin #8.01, Substrate Cleaning & Preparation.

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### Application Instructions

1. If holding the entire roll is inconvenient, unroll enough material so the roll can sit on a table or chair next to you.
2. Peel back about 6" (15cm) of the release liner and align the sheeting so that it is parallel with the trailer. Apply the sheeting by pressing along the face using a plastic squeegee or hand roller towards the release liner to prevent air bubbles from becoming trapped under the sheeting.
3. Remove the release liner and hold the sheeting in position with one hand. With the other hand, work the squeegee or hand roller towards the release liner to prevent air bubbles from becoming trapped under the sheeting.
4. Cut the sheeting between all body panels so water does not penetrate under the adhesive. Sheeting should be no closer than 1/8" (3mm) to all door seams and truck hardware.
5. When positioning adjacent pieces of sheeting, butt them next to each other. DO NOT overlap the pieces.
6. Let the adhesive cure for at least 24 hours in a dry environment at a minimum temperature of 60°F (16°C) to ensure proper adhesion.

### Caution!

**Material is NOT positionable. DO NOT attempt to reposition sheeting after initial application. DO NOT attempt to apply sheeting over rivets or contoured surfaces. Cut around all rivets.**

### Cleaning Instructions

Vehicles with Avery Dennison conspicuity film can be hand washed or run through an automatic wash without bristle brushes. Use a non-abrasive detergent and rinse thoroughly. Acid solutions are not recommended as these could etch the surface of the sheeting, lowering its gloss and reflective values.

When using a spray nozzle, hold the nozzle no closer than 24" (61cm) to the sheeting and at an angle of 45° or greater from the body panel. This will help prevent the edges of the sheeting from lifting up. The spray pressure should be no greater than 1500 psi (105 kg/cm<sup>2</sup>).

The above Avery Dennison literature provides information to the user for proper application, storage, and other requirements. Please refer to Product Data Bulletins or your local Avery Dennison Representative for warranty information. Find the latest information on the Avery Dennison website, [www.reflectives.averydennison.com](http://www.reflectives.averydennison.com). We encourage you to check our website periodically for updates.

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