

Avery Dennison®

Application & Care for V-5720 Series

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Avery Dennison V-5720 Conspicuity Tape is designed for use on most trucks, trailers, and other vehicles with rigid sides. The Conspicuity Tape can be repositioned during application, allowing the applicator to pull up the tape and reapply without tearing or breaking the tape. The conspicuity tape is composed of a durable, single-layer construction that does not use air cells and does not require edge sealing to prevent dirt and water penetration.

Safety and Handling

The use of any chemicals for cleaning should be done with caution. Refer to the manufacturer's Material Safety Data Sheet and follow all instructions and guidelines.

Tools

It is recommended to use only Avery Dennison-approved tools for use in the Conspicuity Tape application. Squeegee, utility knife, rivet punch, soap and water, Isopropyl Alcohol (IPA), wire brush, and clean towels.

Storage

Avery Dennison conspicuity tapes can be stored for one year from the date of purchase at a temperature between 65-75°F (18-24°C) and a relative humidity between 45-55%. The Conspicuity Tape must be applied within this one-year time frame. Rolls should be stored in their original packaging or suspended from a rod or pole through the core of the material.

Where to Apply

Please check for any changes to local, state, or Federal regulations that are relevant to Conspicuity Tape markings. For large trucks and trailers exemplary standards include section S5.7.1.4 from Standard No. 108 of 49 CFR Part 571. Per these requirements, conspicuity tape must be cut to allow a 75mm (about 3") space from the lights and reflectors.

Application Temperature

Avery Dennison Conspicuity Tape should be applied between 32°F and 100°F (0°C and 38°C) to ensure adhesion. The air and vehicle surface temperature should be within this range during application. Watch out for condensation build-up when bringing cold surfaces into a warm environment. It is recommended that applied Conspicuity Tape remain within this temperature range for at least 2 hours after application.

Service and transportation temperatures should be -22°F to +158°F (-30°C to + 70°C).

Surface Preparation

Note: All surfaces are considered contaminated and must be cleaned and then dried before application. Conspicuity Tape should be applied soon after cleaning to prevent dust accumulation on the application surface. Newly painted surfaces should be dried and cured according to the manufacturer's instructions before Conspicuity Tape application.

1. Use a wire brush and/or paint scraper to remove any peeling paint, rust, burrs, debris, etc.
2. Wash the surface with soap and water to remove dirt and grease. Rinse thoroughly with water.
3. Re-wash the surface with isopropyl alcohol (IPA). Saturate a clean towel in solvent and wipe the entire application area. Immediately dry with a clean towel before the solvent dries. Repeat this process until no dirt transfers to the towel. Change towels frequently to prevent cross-contamination.
4. Make sure the entire application area is dry before application. Watch out for areas around rivets, seams, and hinges as these areas often trap water or moisture.

Application Procedure

Note: Avery Dennison recommends leaving a 1/8" space between the Conspicuity Tape and raised or recessed objects such as weld joints, expansion joints, seams, large bolts or rivets, hinges, and other hardware, to prevent edge lifting or wrinkling.

Note: V-5720 is unsuitable for flexible surfaces such as PVC curtains.

1. Clean the application surface as indicated above.
2. Remove about 3 feet of liner and tack the Conspicuity Tape in place using light finger pressure. Make sure hands are clean and avoid touching the adhesive side. If the Conspicuity Tape is misaligned, it can be pulled up immediately and reapplied without breaking or tearing.
3. Apply firm pressure using a squeegee to the tacked-down section of Conspicuity Tape. It is important to make sure all areas of the Conspicuity Tape are pressed down without trapping air bubbles. A variety of acceptable techniques are common. One recommendation is to squeeze from the middle outwards using overlapping brush strokes. A squeegee with a felt layer is recommended to prevent scratches on the face of the Conspicuity Tape.
4. For rivets, apply the tape directly over the top, creating a tent over the rivet head. Cut out the material over the rivet using a rivet punch slightly larger in diameter than the rivet head. Remove the material over the rivet head and use a squeegee to press down the edges of the material around the rivet. Avoid applications on closely spaced rivets.
5. When applying over seams, cut the Conspicuity Tape with a utility knife. For larger seams, cut away 1/8" of the tape on each side of the seam.
6. When positioning adjacent pieces of Conspicuity Tape, butt them next to one another. Do not overlap the pieces.
7. Allow tape to remain undisturbed and at the recommended application temperature of 65-100°F for at least 2 hours after application.
8. Edge sealing is not required since Avery Dennison Conspicuity Tape is a single-layer construction.

Cleaning

Note: Regular cleaning is recommended to ensure maximum performance for vehicle identification.

1. Avery Dennison Conspicuity Tape can be cleaned by hand with a sponge, cloth or other non-abrasive media using a mild detergent and water.
2. Avery Dennison Conspicuity Tape can also be pressure washed according to the following parameters.
 - a. Maximum Pressure: 1200PSI (80bar).
 - b. Maximum wash temperature: 140°F (60°C)
 - c. The water jet must be a minimum of 30cm from the Conspicuity Tape.
 - d. Water jets must be a minimum of 12 inches (30cm) from the Conspicuity Tape.
 - e. Spray water jets at an angle of 90°(+/- 45°) from the surface.
 - f. The cleaning solution should have a pH of 3-11. Follow dilution ratios of cleaning solutions per manufacturer recommendations.
 - g. Rinse thoroughly and do not allow the cleaning solution to dwell longer than 60 seconds on or around the Conspicuity Tape.