

**Installation:**

Use masking tape or magnets when making a temporary hinge for vinyl cutouts. The key is to place it where it holds the letter firmly to the vehicle to ensure that it remains properly aligned. Be sure to use the hard side of the squeegee when applying vinyl letters with pre-mask. Press very hard with the squeegee and be extra thorough.

When removing the pre-masking tape, the removal angle should be as close to a 180-degree angle as possible. This helps ensure that the vinyl stays on the application surface. Once the pre-masking tape has been removed go over the area with the soft side of the squeegee to ensure that all the edges of the vinyl are sealed.

**15 - Window Perforation:**

Avery Dennison 50/50 Window Perf: MPI 2528

Avery Dennison recommended DOL window lamination: DOL1360z (optically clear)

Window perforation is a calendered film that has tiny holes and black adhesive. This combination creates an optical effect that allows the people inside the vehicle to see out and those outside the vehicle to only see the printed graphic. This feature of window perforation allows the windows on vehicles to be covered, which adds more options in terms of design. Avery Dennison window perforation comes in two different percentages: 65/35 and 50/50. For vehicles, 50/50 should always be used.

Properties: Window perforation has similar properties of the film that goes on the body of the vehicle. The holes in the window perforation make it prone to overstretching and tearing so use more caution during the installation process.

On a full wrap, the window perforation is the last section of the install to complete. Since dust and dirt can build up on the vehicle during the course of the install, it's important to wipe down the windows before installing the window perforation. The cleaner the windows are the lower chance of failures.

Window perforation should be applied to the window with the same system as used on the body of the vehicle. Using a hinge, sound squeegee technique and relief cuts when necessary to work around windshield wipers or other protruding objects.

Windows: There are two types of windows on vehicles – free-floating and framed by molding