

AVERY SUPREME WRAP (ASW)

Application and Use Recommendations

Issued: 01/15/2013

Graphic Storage and Rotation:

- Storage areas should be such that the product is protected from negative environmental influences such as dirt, dust, heat and excessive humidity.
- Product should be stored in a clean "office type" environment with year-around temperatures maintained between 65 and 85 degrees F.
- Stock rotation practices should assure product use within one year from of date of purchase.

Pre-Application Cleaning Procedures:

- One should expect that all application surfaces are contaminated to some degree. Therefore, after cleaning the surface and prior to applying ASW graphic materials, Universal Products recommends wiping the entire application surface with 70% Isopropyl Alcohol and then buffing the surface dry with a clean, lint-free cloth
- Do no reuse the cloth - discard after a single use.

Application Recommendations:

ASW products should be applied when temperatures are between 60F and 90F. The dry application method must be used as application fluids will remain beneath the graphic and will negatively affect applied performance.

Use of the wet application method will disqualify the product for any potential warranty consideration.

1. Remove the graphic from the protective packaging and locate it into the proper application position on the surface. For large graphics, it may be necessary to tape the graphic into the desired position.
2. Once the graphic is properly positioned, run a tape hinge along one edge of the graphic. (Graphics over 48" should be hinged in the center.)
3. Fold the graphic 180^o back against the tape hinge and remove the protective liner paper from the adhesive side of the graphic. (Lifting the graphic from the liner may lead to liner release issues.)
4. Hold the graphic slightly above the application surface and reposition the graphic using the tape location indicator. Care should be taken to assure that the graphic is not stretched during the initial application process.
5. Using a felt squeegee, press the graphic into position on the application surface with moderate pressure in overlapping strokes. Always start along the tape hinge and be sure that the stroke direction is moving air away from previously applied sections. The overlapping stroke technique will help assure proper graphic alignment, and reduce the possibility of air entrapment.
6. Repeat the application process for the remaining half of center hinged graphics.
7. Once the graphic is applied, remove the protective premask by slowly pulling it back flat upon itself at 180^o. Pulling the premask at less than 180^o or pulling the mask in a brisk manner can result in lifting the graphic edge away from the application surface.
8. Following premask removal, slowly warm the graphic to ~120F and gently work the film into any surface depressions.
9. Following application into the depressions, reheat the graphic surface to ~180F and firmly re-squeegee the entire graphic surface to assure proper adhesion.
10. Care should be taken to assure that graphic edges terminate on flat, not rounded, surfaces. Graphic edges should end no closer than 1/8" from panel edges, joints and corners. All pointed or hand trimmed graphic corners and tips should be rounded to a minimum 1/16" diameter.
11. Visually inspect the completed graphic for proper adhesion, alignment and appearance. Any trapped air bubbles can be removed by reheating the surface, puncturing the bubble with a pin and gently working the air out with your thumb.

Properly applied pressure sensitive graphics require little in the way of maintenance to retain their appearance, and can be treated as one would typically treat a painted surface. There are however, the following considerations:

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Washing -

- Pressure sensitive graphics require an extended period of time to reach ultimate adhesion values. It is recommended that pressure sensitive graphics not be commercially washed until ultimate adhesion has been achieved. The recommended wait periods are 72 hours in controlled conditions of ~75F, 1 week while outdoors during warm summer months (overnight lows at or above 60F) and 3 weeks during the cooler months (overnight lows below 60F).
- Pressure sensitive graphics may be damaged by the brush mechanisms used in many commercial car wash systems. It is recommended that pressure sensitive graphics be spray washed or hand washed.
- High-pressure sprays may cause the edge of the graphic to lift and peel away from the surface. Therefore, high-pressure spray nozzles should be held at a 90-degree angle to the vehicle surface, and **at least** 2-3 feet away from the graphic.
- High pressure sprays with water pressures above 2500psi and/or temperatures above 120F should not be used on pressure sensitive graphic products.
- Your graphics may be hand washed regularly with any commercial soap designed for use on automotive paint, or with most any commercial car wash soap. **Thoroughly rinse the graphic surface with clear water following washing!**

Cleaning -

- Most road stains may be removed from the graphic by using isopropyl alcohol and/or soap and water.
- Commercial cleaners specifically designed to remove road tar, etc, should always be tested on a small section of the graphic before being used.
- Strong aromatic solvents such as acetone, MEK, toluene or paint thinners **should not be used** to clean graphic surfaces as they may damage the vinyl and adhesive components of the graphic.
- Following the use of any cleaning solution, the graphic should be thoroughly washed and then immediately rinsed with water.

Chemical exposure -

- Do not let solvents, gasoline or other chemicals drip or stay on graphic surfaces for any extended length of time.
- If a spill occurs, wipe the surface clean and rinse with water immediately.

Waxing -

- ASW materials can be waxed using any high quality liquid wax designed for automotive finishes.
- Do not hand-apply paste wax over graphic surfaces - especially if the wax contains abrasives or petroleum distillates. Wax build-up along the graphic edge can be unsightly, and may lead to premature graphic failure.

A more comprehensive application instruction is located on the Avery Dennison website: www.na.averygraphics.com Instruction Bulletin# 4.08. All products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes.

