



WrapCAST Vinyl - Best Practices

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A. Substrate Preparation

- Install in a clean and controlled environment. Temperature: 65°F - 85°F (18°C - 29°C), Humidity below 85%
- Disassemble all removable parts and trims
- Clean and clay the vehicle
- Nest and precut panel pieces
- Precut templates for inlays

B. Installation Technique

- Apply with a Felt Edge Squeegee to prevent scratches while squeegeeing
- During installation, apply vinyl with firm pressure and overlap strokes by 50% to ensure no air is trapped under the film
- Installation Temperature and Stretch Range: To prevent color shift, shrinkage and gloss loss.
 - Heat Range: 105°F - 120°F (40°C - 49°C)
 - Maximum Stretch (Matte Effects, Matte, Satin, Gloss, Effects): 30%
- Minimize/Distribute stress on curves and channels to reduce the risk of popping
- Install using the Expanded Pocket technique
- Tuck, seam and trim
- Minimize stretch on areas that will be cut
- Use knifeless tape
- Let the adhesion build prior to trimming
- Use the Painted Edge Corner technique

C. Post - Installation Technique

- Post-Heating Temperature: When installation has been completed, post-heat the vinyl entirely
 - For edges, seams, corrugations, and other stretched areas, post-heat to 200°F - 220°F (95°C - 105°C)
 - For flat areas, add 25°F (15°C) to the ambient temperature
- Reapply pressure during the post-heating process paying special attention to the seams and edges
- Put spacers between Bumpers and Fenders
- Before returning the vehicle wrap to the customer, let the vinyl dwell for 24 hours

Statement of Practical Use

We believe the information on this product to be accurate. However, since we cannot anticipate or control the conditions under which this information or our products may be used, we cannot guarantee results obtained through their use. Tests of our products should be made by users to determine the suitability of these products for a specific purpose. The products are sold without warranty, either express or implied. The purchaser should refer to Grimco, Inc's price list for terms and conditions of sale, including disclaimer of warranties and limitation of liability.



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D. Care & Cleaning Instructions

- Regularly hand wash
- Avoid washing the vehicle until 1 week's time has passed from the installation date to allow for maximum adhesion before disturbance
- Provide a Wrap Care Regimen:
 - Mandate a post wrap check-up performed by the installer 3 days after the installation, 1 week after the installation, and 1 month after the installation for inspections
- Provide Product Care Recommendations:
 - Gloss Finish: Use Mystics™ WrapWax or Meguiars™ Ultimate Liquid Wax
 - Matte/Satin Finish: Use Chemical Guys™ Jet Seal Matte
- Provide Cleaner Recommendations:
 - Rat Wax™ Washes and Maintains
 - Chemical Guys™ Matte Detailer
 - Shining Monkey™ Ken Block 360°
 - Turtle Wax ICE™ Spray Detailer
 - Mothers Professional™ Instant Detailer
- Storage: Storing vinyl graphics in covered areas will help prolong the life of the vinyl by limiting its exposure to damaging elements such as sunlight and rain. Protecting a wrapped car in the garage can keep it sheltered from all types of weather and harmful pollution, both of which could wear out the horizontal surfaces of the car and cause damage to the paint underneath. Vinyl that starts to brown or show discoloration has been negatively affected by acidic pollutants and if not immediately removed could stain the paint. Taking extra steps to keep the vinyl covered when not in use will help extend the life of the vinyl and keep the car looking as good as it did when it was first wrapped.

E. Removal Technique

- Heat vinyl to at least 90°F (30°C) for removal; using an angle of less than 90° and keeping a slow and steady pace for removal
- Removal at an Angle: Pull at a slow and steady pace at an angle no greater than 90°

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