



Graphic Remover System

Guidelines for Film Removal

Instruction Bulletin

Recommended End Uses

3M™ Graphic Remover System is a film/adhesive remover intended for the removal of all types of 3M™ PVC-based films. The 3M Graphic Remover System will also remove most screen printed graphics.

Required Equipment

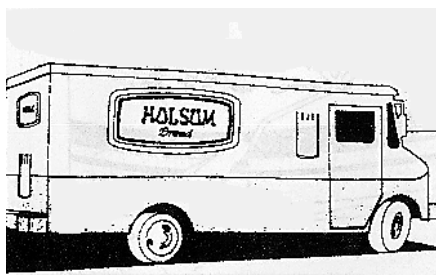
- Scotch® Masking tape 3434 or 2328, 50 mm x 50 m
- Paper towels
- Paint brush or paint roller
- Plastic applicator PA-1 G
- The use of gloves, goggles and respirator is recommended.

Paint Damage

Repaired or re-sprayed paint surfaces using certain dried, poor quality paints may be adversely effected by this remover system. Customers are advised to test the 3M Graphic Remover System on a discreet area of paint work which is the same as the eventual application surface prior to use. 3M does not accept liability for any damage to such surfaces.

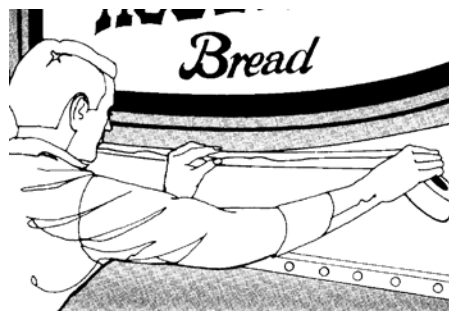
Removal Instructions

1. Test 3M Graphic Remover System for possible paint damage on a discreet area of paint work which is the same as the eventual application surface prior to use.



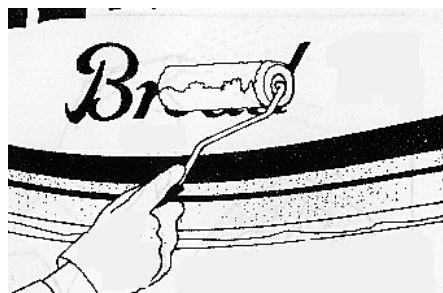
2. Make sure that you have all the required equipment listed. Follow all recommended safety procedures according to the [MSDS](#) and container label.
3. Clean the surface and marking with detergent and water. Dry the surface thoroughly before starting removal.
4. Mask the surface around markings to protect the substrate from damage.

Make a drip tray using wide masking tape that has been doubled over and adhered immediately below the graphic. This prevents residue from dripping around the graphic. See figure on top of the page following.



5. Make sure that the application temperature is between 10 °C minimum and 29 °C maximum.

- Using a paint brush or roller, thoroughly coat the marking with a thin layer of 3M Graphic Remover System. Keep the container covered when not in use to prevent to rapid evaporation of solvent.



- Allow the film remover to dry for at least 15 – 30 minutes after application. Cooler temperatures will require additional drying time.
- Test for removability by grasping a corner of the film and pulling from the surface at an angle of less than 90 degrees with gentle/moderate force. The film should stretch like rubber while being removed; if it is brittle, stop, apply a second coat, let dry and proceed with the removal.
- When film has been completely removed, pull off the masking tape. Take care to ensure that all waste film material is collected in separate waste containers.
- Remove remaining adhesive residue from surface. 3M™ Adhesive Remover R231 is recommended.
- Clean the entire surface with a solvent wipe, followed by a wash with detergent and water. Dry the surface.
- Failure to properly wash and remove all excess adhesive remover will adversely affect the adhesion of new markings applied to the surface.

Disposal of Waste Adhesive or film removers, and solvent wipes or film wetted with the removers, should be incinerated in a permitted waste incineration facility. Since regulations vary, consult the applicable regulations or authorities before disposal.

Ventilation In operations with solvent based remover and cleaner always provide adequate ventilation to remove emissions from the film that result.
Failure to provide adequate ventilation may result in operator overexposure.

Storage Shelf life Use within 2 years from the date of manufacture on the container unopened.
Use within 1 year after opening the container.

Storage conditions +4 °C to +40 °C, out of sunlight, original container in clean and dry area.

Safety Refer to the package label and the Material Safety Data Sheet for health, safety, and handling information on the products referenced in this bulletin. For 3M products please call your local subsidiary or visit the web site <http://www.3Mgraphics.com>

Remarks This bulletin provides technical information only.

Important Notice All questions of warranty and liability relating to this product are governed by the terms and conditions of the sale, subject, where applicable, to the prevailing law.

Before using, the user must determine the suitability of the product for its required or intended use, and the user assumes all risk and liability whatsoever in connection therewith.

Additional Information Visit the web site <http://www.3Mgraphics.com> for getting:
- additional instruction bulletins
- a complete product overview about materials 3M is offering.



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