



## Reflective Vinyl-Off™ Uses:

Reflective Vinyl-Off™ is a safe ready to use product designed to assist in removing the more difficult reflective and specialty pressure sensitive, adhesive backed, graphics including metalized vinyl, conspicuity tape and other tough reflective vinyl from non-porous substrates OR when external heat cannot be applied. Reflective Vinyl-Off™ works in a broader temperature range than original Vinyl-Off™. Reflective Vinyl-Off™ has been designed to remove vinyl graphics and adhesive simultaneously. Extra care should be taken with Reflective Vinyl-Off™ as it is a much more aggressive product than traditional Vinyl-Off™ and may cause paint damage if not used properly.

## What you will need:

Reflective Vinyl-Off™ ~ Sponge or T-shirt rag ~ Scraping tool

## Step by Step Instructions:

1. **TEST:** In a small inconspicuous area to confirm integrity of the substrate. CrystalTek is not responsible for damaged paint. Please TEST this product prior to using to establish proper dwell time, heat needed, and angle of pull the best method for your removal job.
2. **WARM SURFACE:** For best results, warm surfaces immediately before applying Reflective Vinyl-Off™. Vinyl (and substrate) should be warm to the touch. We recommend placing the substrate & vinyl to be removed in direct sunlight for a short period so it is warm to the touch. Not recommended for warming after application. Reflective Vinyl-Off™, though non-flammable itself, dissolves flammable adhesives which may burn if exposed to an open flame. You can use a heat gun or propane to warm the surface even indoors prior to applying Reflective Vinyl-Off™. Non-Flammable and no toxic fumes!
3. **APPLY REFLECTIVE VINYL-OFF™:** ONLY by wiping product onto the graphics you want to remove using T-Shirt Rag, Sponge Foam Brush or a Fine Nap Paint Roller. Do NOT spray this product directly onto vinyl. You want to ensure the product is applied ONLY to the vinyl you intend to remove and spraying can damage other nearby surfaces.
4. **ALLOW PRODUCT TO DWELL:** at least one minute and no more than 10 minutes dwell time. Reflective Vinyl-Off™ will penetrate the graphic and lift the adhesive behind it.
5. **SCRAPE & PEEL:** Lift an edge of the vinyl and pull at a 35° angle. The vinyl & adhesive backing will come off together in larger pieces. If adhesive is left behind, Reflective Vinyl-Off™ is being too aggressive! Use less heat and/or shorten the dwell time if this occurs.
6. **APPLY ADHESIVE-OFF (if needed):** Remove any residual adhesive by applying CrystalTek's Adhesive-Off to a cloth and wiping surface clean. Refer to the "How to Use Adhesive-Off" instruction sheet for full instructions.
7. **CLEAN SURFACE:** with mild soap/water and prepare as you normally would if applying new graphics.

## Troubleshooting, Tips & Tricks:

- When removing non-vinyl specialty graphics, or very difficult to remove graphics, lightly rough the surface of the graphic with 100+ grit sanding sponge before applying Reflective Vinyl-Off™.
- If at any time during the application, the substrate appears to be affected, rinse immediately with cool water to stop the chemical reaction.



## **Frequently Asked Questions:**

**Q: How is Reflective Vinyl-Off™ different from original Vinyl-Off™?**

A: Reflective Vinyl-Off™ is a more aggressive product. You will see visible changes in the graphic after applying this product. Less heat is required. Reflective Vinyl-Off™ may affect painted surfaces more often than regular Vinyl-Off™, so testing prior to use is even more important. This product also works as an aggressive adhesive remover effective on epoxy, Gorilla Glue, Super Glue, and almost all other adhesives.

**Q: When would I use Vinyl-Off™ instead of Reflective Vinyl-Off™?**

A: Vinyl-Off™ is recommended for most vinyl graphics removals. It is less aggressive and will affect fewer painted surfaces and effectively removes most vinyl graphics. Reflective Vinyl-Off™ is recommended for use: (1) on super aged, extremely difficult vinyl removals; (2) on reflective and other specialty graphics which are less porous and have thicker or solvent based adhesive backings and, (3) when external heat cannot be applied. Reflective Vinyl-Off™ works in a broader temperature range than original Vinyl-Off™.

**Q: Why does roughing the surface help Reflective Vinyl-Off work?**

A: It opens the surface allowing Reflective Vinyl-Off™ to more easily penetrate to the adhesive and release it. The same trick works with Vinyl-Off™.

**Q: Will this product affect paint?**

A: Factory cured paints are GENERALLY not affected. However, if the vehicle paint was not properly cured or is porous due to age, it may be affected. Low temperature cured paints ARE (including OEM non-metal such as bumpers and seals) affected. All painted surfaces must be tested prior to use.

**Q: How do I stop the action of this chemical?**

A: Rinse with cool water.

**Q: Can I use this product when the vehicle is parked on or close to plants?**

A: This product will quickly penetrate the waxy coating on plants and over time will kill them. Rinsing with water will cancel the action and not affect future plants in the same area. It is recommended that you work in a foliage free area or take extra care when applying. When applying, wiping instead of spraying resolves the issue.