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# Technical Data Sheet

# Permatex® Quick Grid™ Rear Window Defogger Repair Kit

AAM Revised 11/02

**PRODUCT DESCRIPTION** **S.I.N.: 834-300**

Permatex® Quick Grid™ Rear Window Defogger Repair Kit is a solvent based acrylic system. It is designed to conduct electricity and distribute heat for the repair of breaks in the grid of rear window defoggers. Kit contains 0.05 fl. oz. bottle of resin, stencil and brush.

**PRODUCT BENEFITS**

- High electrical conductivity
- Resistant to extreme weather conditions
- Excellent cosmetics – the adhesive color matches the grid color
- Excellent performance
- Complete kit
- One step application

**TYPICAL APPLICATIONS**

- Use on all rear window defoggers to repair damaged grid lines

**DIRECTIONS FOR USE**

1. For best results, the ambient temperature should be at least 50°F during application.
2. Turn off the rear defogger. Clean the surface of the glass.
3. Remove the protective backing on the stencil.
4. Carefully place the stencil over the broken area of the grid. Make sure to align both ends of the broken line with the stencil.
5. Press the stencil against the glass and make sure that all air bubbles are removed.
6. Shake the bottle well. If solid material remains on the bottom or sides of the bottle, it may become necessary to use a toothpick to mix completely.
7. Using the brush, apply the adhesive. Make sure that the adhesive overlaps with both ends of the broken line.
8. Wait for the surface to become tack free. Repeat the application procedure four (4) times. Look through the window from the inside; there should be no light showing through the repaired area. Area repaired must be completely opaque with an ohms resistance reading of essentially zero (0) across the repair.
9. Remove the stencil after 30 minutes. Wait 24 hours before turning on the defogger.

**For Cleanup**

1. May be cleaned with acetone or nail polish remover that contains acetone.
2. Clean hands with Permatex® Fast Orange® hand cleaner or soap and water.

**PHYSICAL PROPERTIES**

| | **Typical Value** |
|---|---|
| Chemical Type | Acrylic resin containing metallic silver |
| Appearance | Copper colored liquid |
| Odor | Solvent |
| Flash Point T.O.C. (°F) | 94 |
| Adhesion to glass | Excellent |
| Temperature resistance | -30°F to +180°F |
| Cure time | Tack free - 2 minutes<br>Full cure - 24 hours |
| Minimum electrical resistance (ohm-cm) | $1.01 \times 10^{-3}$ |

**GENERAL INFORMATION**

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).**

**ORDERING INFORMATION**

| Part Number | Container Size |
|---|---|
| 15067 | 1 complete kit |

**STORAGE**

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

**NOTE**

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