



LOCTITE® 3863 Circuit+™

May 2004

PRODUCT DESCRIPTION

LOCTITE® 3863 Circuit+™ provides the following product characteristics:

Technology	Solvent based
Appearance	Silver liquid ^{LMS}
Cure	Air dry
Application	Defogger repair

LOCTITE® 3863 Circuit+™ is a complete, fast and easy to use repair kit for rear windscreen defoggers. It has high conductivity due to its high silver content.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Specific Gravity @ 25 °C	1.02 to 1.13 ^{LMS}
Solids/Non-Volatile Content, %	27 to 33 ^{LMS}
Zahn Viscosity, ISO 2431, seconds:	
Cup No. 3	20 to 40 ^{LMS}

GENERAL INFORMATION

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

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

Directions for use

1. Find the malfunctioning section of heating circuit (e.g. with a multimeter to test for electrical continuity).
2. Disconnect the heating circuit from the source of electricity.
3. Clean area to be repaired with Loctite® 7063™.
4. Remove protective film from the mask/stencil provided. After use, the protective film can be put back on the mask/stencil.
5. Put the stencil on the area to be repaired. The hole in the stencil has to be in line with the heating wire. Press stencil onto screen.
6. Shake bottle before use.
7. Apply the liquid in the stencil opening with the brush provided. The complete area to be repaired needs to be covered. Leave to dry for 5 minutes.
8. Repeat after 5 minutes. Apply a minimum of 3 layers.
9. Firmly close bottle after use and clean brush.
10. The stencil should not be removed until 30 minutes after last application. Remove carefully.
11. The heating circuit can be connected to the power source after 24 hours.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Loctite Material Specification^{LMS}

LMS dated March 9, 2004. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

Note

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Reference 1.0