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› Permatex 81630 Ultra Red High Temperature Gasket Maker 3 oz - Instruction Manual

Permatex 81630

Permatex 81630 Ultra Red High Temperature Gasket Maker

Model: 81630 | Brand: Permatex

1. PRODUCT OVERVIEW

The Permatex Ultra Red Gasket Maker is engineered for high-temperature applications, providing a reliable seal that withstands extreme heat, oils, and common shop fluids. This advanced silicone formula ensures high performance, adhesion, and flexibility, making it suitable for various automotive and industrial sealing needs.



Image 1: Permatex 81630 Ultra Red Gasket Maker product tube.

Key Features:

- High temperature performance, adhesion, and flexibility.
- OEM Specified, Sensor-safe, low odor, non-corrosive formula.
- Non-flammable and non-toxic.
- Functions as a gasket maker or dressing, meeting performance specifications of original equipment (OE) silicone gaskets.
- Withstands temperatures up to 650°F (399°C) intermittently.

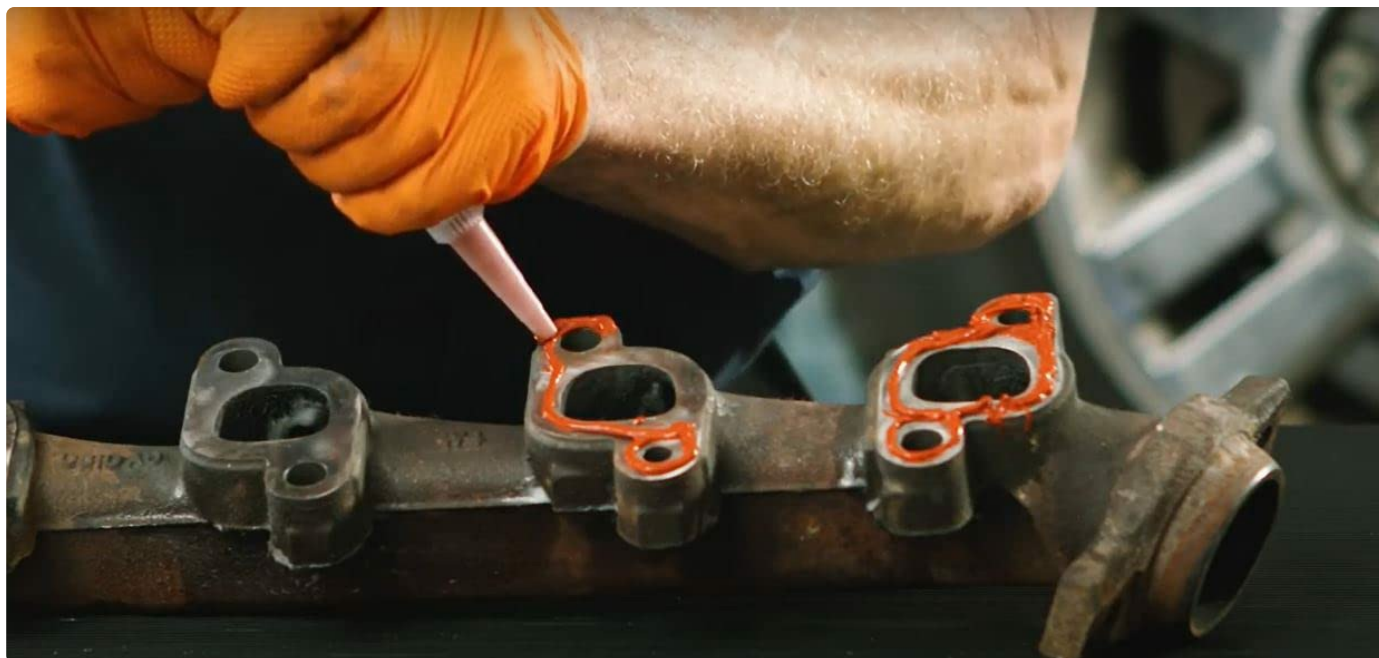


Image 2: Applications for Permatex Ultra Red Gasket Maker.

2. SAFETY INFORMATION

WARNING: Contains calcium carbonate and iron oxide. Always read and understand all safety precautions before use. Handle with care.

Personal Protective Equipment:

- Wear protective gloves, protective clothing, eye protection, and face protection.
- Avoid breathing dust, fumes, gas, mist, vapors, or spray. Ensure adequate ventilation.
- Wash hands thoroughly after handling.
- Do not handle until all safety precautions have been read and understood.

First Aid Measures:

- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage and Disposal:

- Store in a well-ventilated place. Keep container tightly closed. Store locked up.
- Dispose of contents/container to an approved waste disposal plant in accordance with local regulations.
- Keep out of reach of children.

3. SETUP AND PREPARATION

Proper surface preparation is crucial for optimal adhesion and sealing performance.

1. For best results, ensure all surfaces to be sealed are clean and dry. Remove any old gasket material, grease, oil, or other contaminants.
2. Prepare the tube by cutting the nozzle to the desired bead size. A typical bead size is 1/16 inch to 1/4 inch (2 to 6mm).



Image 3: Back of product tube with detailed instructions and safety warnings.

4. OPERATING INSTRUCTIONS (APPLICATION)

Follow these steps for effective application of the gasket maker:

1. Apply a continuous, even bead of 1/16 inch to 1/4 inch (2 to 6mm) to one surface, surrounding all bolt holes.
2. Assemble parts immediately while the silicone is still wet. Finger tighten until the material begins to squeeze out around the flange.



Image 4: Applying Permatex Ultra Red Gasket Maker to a component.

Important Notes:

- Do not use on head gaskets or in parts that will come into contact with gasoline.

5. CURING AND POST-APPLICATION

Proper curing ensures the gasket maker achieves its full strength and sealing capabilities.

1. Allow the assembly to dry for one hour, then tighten to the manufacturer's specified torque.
2. Allow 24 hours for the gasket maker to fully cure before filling with fluids or returning the component to service.

6. MAINTENANCE

To ensure the longevity of the product and its effectiveness for future use:

- Replace the cap after each use to prevent the product from drying out.
- Store the tube in a cool, dry, and well-ventilated area, away from direct sunlight.

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Video 1: Official Permatex video demonstrating the use of Ultra Red Gasket Maker for high-temperature applications.

7. TROUBLESHOOTING

If the gasket maker does not perform as expected, consider the following:

- **Poor Adhesion:** Ensure surfaces were thoroughly cleaned and dried before application. Any oil, grease, or old gasket residue can prevent proper bonding.
- **Leaking:** Verify that the bead applied was continuous and of adequate thickness (1/16" to 1/4"). Ensure sufficient cure time (24 hours) was allowed before exposing the seal to fluids or stress. Check if the parts were assembled immediately while the silicone was still wet.
- **Incomplete Cure:** Ensure the product was not used in an application involving gasoline contact, as this can inhibit curing. Verify that the product was stored correctly and has not expired.

Your browser does not support the video tag.

Video 2: Product overview video for Permatex Ultra Red Gasket Maker, detailing its features and benefits.

8. SPECIFICATIONS

Attribute	Detail
Brand	Permatex
Model Number	81630
Material	Silicone
Color	Ultra Red
Item Weight	3.36 ounces
Unit Count	1 Count (3 Fl Oz.)
Temperature Resistance	Up to 650°F (399°C) intermittent
OEM Specified	Yes
Sensor-Safe	Yes
Low Odor	Yes

Attribute	Detail
Non-Corrosive	Yes

9. WARRANTY AND SUPPORT

This product is sold without an explicit warranty, as stated in the product specifications. For any questions, technical assistance, or support regarding the Permatex 81630 Ultra Red High Temperature Gasket Maker, please contact Permatex customer service directly. Refer to the official Permatex website for contact information.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question