# Technical Data Sheet

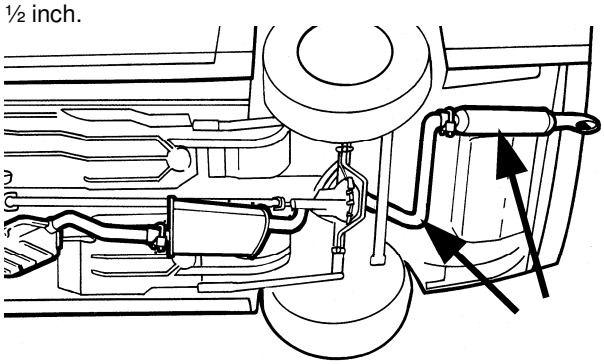
# Permatex® Muffler & Tailpipe Bandage

**PRODUCT DESCRIPTION**
Permatex® Muffler & Tailpipe Bandage is an epoxy impregnated fiberglass bandage that is uniquely formulated to wrap around and chemically weld mufflers and tailpipes.

**PRODUCT BENEFITS**
- Permanently repairs holes and leaks in exhaust systems
- Easy to use
- Resists temperatures to 800°F
- Seals out poisonous fumes

**TYPICAL APPLICATIONS**
- Mufflers and tailpipes on automobiles, trucks, tractors, and farm equipment

**DIRECTIONS FOR USE**
1. Clean off dirt and loose rust with sandpaper or wire brush.
2. Run the engine until muffler is warm to touch.
3. Peel back the protective coating on the bandage.
4. Wrap the bandage over the damaged area, overlapping ½ inch.



5. Support the bandage temporarily with wire.
6. Run the vehicles' engine for 30 minutes. Heat from the exhaust welds the epoxy resin in the bandage to a solid coating.

**For Cleanup**
1. Clean up with lacquer thinner.
2. Clean hands with a dry cloth or Permatex® Fast Orange® hand cleaner.

**PROPERTIES OF UNCURED MATERIAL**

| | Typical Value |
|---|---|
| Chemical Type | Epoxy impregnated fiberglass |
| Appearance | Black Coating |
| Odor | Odorless |
| Specific Gravity | None |
| Flash Point | None |

**TYPICAL CURING PERFORMANCE**
Permatex® Muffler & Tailpipe Bandage cures to a solid epoxy coating when engine temperatures reach operating levels.

**TYPICAL ENVIRONMENTAL RESISTANCE**

| Temperature Resistance | Typical Values |
|---|---|
| Continuous, °C (°F) | 426 (800) |

**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 |
|---|---|
| 80331 (MB-1) | 84 sq. in. bandage, carded |

**STORAGE**
Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° and 28°C (46° and 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.