

PIG High-Temp Epoxy Putty

PIG High-Temp Epoxy Putty is specially designed to withstand temperatures as high as 500 degrees Fahrenheit (F) and as low as -40 degrees F (see Applications & Uses below).

Instructions

For best results, surfaces must be clean and free of oil, grease and corrosion. Scuff/sand the surface before cleaning to improve bond.

Mixing Directions

Note: Always wear impermeable gloves when mixing or handling PIG High-Temp Epoxy Putty.

Step 1 — Break or cut off desired amount

Step 2 — Twist and knead until a uniform color is achieved without streaks

Step 3 — Apply IMMEDIATELY to surface (product has a 3–5 minute working time)

Step 4 — Remove excess putty before it hardens

Tips

- Putty starts to harden 2 minutes after mixing, so repairs should be in place before hardening begins
- A smooth finish can be achieved by rubbing with a wet finger or damp cloth
- Curing (hardening) at higher temperatures (150°F / 65°C) will provide a stronger bond and faster curing; lowering temperatures will slow the curing process
- Putty can be drilled, filed, tapped, sanded or machined after 8 hours of curing at room temperature
- After handling putty, wash hands thoroughly with soap and water

Applications & Uses



Plumbing Repairs

Sink traps, oil and water tanks, pipe joints, drain leaks, etc.



Auto Repair

Metal strips, small dent repair, fuel tanks, radiators, etc.



Custom-Formed Gaskets

For permanent sealing and bonding.



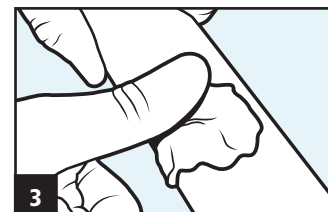
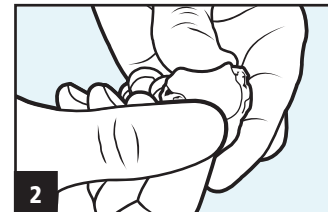
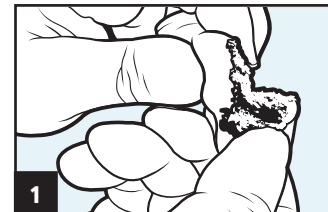
Electrical

Use in place of tape, ceramic connectors, knobs, etc.



High-Temp

For projects exposed to high temperatures, repairing iron pipes, tanks, equipment, castings, tools, stripped threads, molds, ductwork, etc.



Instrucciones

Para mejores resultados, las superficies deben estar limpias y libres de aceite, grasa y corrosión. Lije/talle la superficie antes de limpiarla para mejorar la unión.

Instrucciones de mezclado

Nota: Siempre utilice guantes impermeables al mezclar o manipular la Masilla Epóxica para Alta Temperatura PIG.

Paso 1: Rompa o corte la cantidad deseada

Paso 2: Tuerza la masilla y amásela hasta que obtenga un color uniforme sin líneas

Paso 3: Aplique la masilla INMEDIATAMENTE a la superficie (el producto tiene un tiempo de uso de 3 a 5 minutos)

Paso 4: Elimine el exceso de masilla antes de que se endurezca

Consejos

- La masilla comienza a endurecerse 2 minutos después de mezclarla, por lo que las piezas a reparar ya deben estar colocadas en su lugar antes de que comience el endurecimiento
- Se puede lograr un acabado liso al frotar la masilla con un dedo húmedo o tela mojada
- El curado (endurecimiento) a temperaturas más altas (65 °C/150 °F) brindará una unión más fuerte y el curado será más rápido; las temperaturas más bajas ralentizarán el proceso de curado
- La masilla se puede taladrar, limar, perforar, lijar o trabajar con máquina después de 8 horas de curado a temperatura ambiente
- Después de manipular la masilla, lávese bien las manos con agua y jabón



Certified by NSF International to NSF/ANSI Standard 61 for drinking water contact.

Warning: Harmful if swallowed, eye irritant. Contains epoxy resins and amine. Keep away from children. If swallowed, call physician. For eyes, flush with water and call physician.

Advertencia: Este producto es peligroso si se lo ingiere si entra en contacto con los ojos. Contiene resinas y aminas. Mantén-gale fuera del alcance de los niños. En caso de ingestión consulte con un médico. Si entra en contacto con los ojos, lávelos con agua y consulte con un médico.

Storage — Best conditions are at room temperature. Freezing, humidity, and high temperatures will not affect performance of unused putty. If frozen, warm for a few minutes first for easier mixing.

Shelf Life — One year minimum from date of shipment when stored in original, unopened container in a dry area at temperatures below 75°F (24°C).

Performance Data*

Uncured Properties

Work Life at 75°F (24°C) . . . Results = 1 hour
Density . . . Results = 16.5 lb/gal (1.90 g/cm³)
Functional cure (lap shear tensile strength=200psi) . . . Results = 8 hours
Cure time to full cure at 70°F (21°C) . . . Results = 3 days

Cured Mechanical Properties

Shore D hardness at room temperature . . . Results = 80 . . . Test Methods = 80 ASTM D2240
Lap shear tensile strength (steel to steel), 24 hr. cure at room temperature
Tested at 75°F (24°C) . . . Results = 800 psi (5.6 MPa) . . . Test Methods = ASTM D1002
Tested at 400°F (204°C) . . . Results = 600 psi (4.2 MPa)
Tested at 500°F (260°C) . . . Results = 300 psi (2.45 MPa)

* Typical properties are for information only, not for purposes of specification. The data above represents product performance in ideal laboratory conditions. Individual users' experience may vary depending on application conditions.

Cured Mechanical Properties (Continued)

Compressive strength . . . Results = 8,000 psi (55 MPa)
Shrinkage . . . Results = <1% . . . Test Methods = ASTM D2566
Temperature limits
Continuous . . . Results = -40 to 450°F (-40 to 232°C)
Intermittent . . . Results = -40 to 500°F (-40 to 260°C)
Chemical resistance . . . Results = Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases

Cured Electrical Properties

Electrical resistance . . . Results = 30,000 megohms-cm . . . Test Methods = ASTM D257
Dielectric strength . . . Results = 300 volts/mil . . . Test Methods = ASTM D149



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