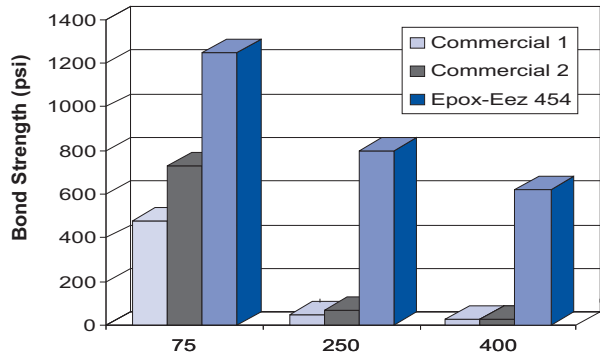


454 500°F Aluminum Filled Epoxy

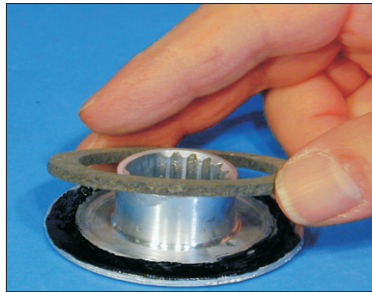
Outperforms High Performance Epoxies

in High Temperature Bond Strength Tests

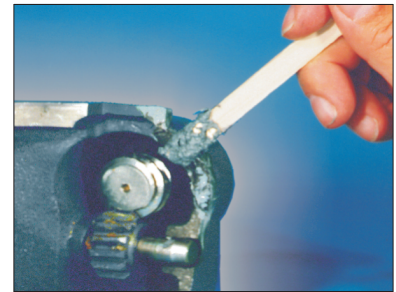
- Cures at Room Temp. To Form a Machinable Composite
- Maintains High Bond Strength at High Temperatures
- Excellent Chemical Corrosion and Shock Resistance



Easy to Use Dispenser Kits



454B Bonds Brake Pads



454B Repairs Cast Iron Housing

Just dispense, mix and apply ! This smooth, creamy putty cures at room temperature to form a highly machinable, aluminum based composite, usable to 500°F.

No solvents. No outgassing. No complicated two or three stage cure cycles.

Offers excellent adhesion, corrosion and chemical resistance, is machinable like aluminum and will not run or sag while applying.

Durabond RK454 is ideal for patching leaky pipes, valves, and fittings; repairing pumps, machinery, and equipment; and rebuilding worn shafts, housings and linings.

Users Report: RK454 bonds brake pads to aluminum metal assemblies and maintains 1000 psi bond strengths at 450°F.

Commonly used for the production of motors, assemblies, instrumentation, laboratory equipment, automotive parts, machines, etc.

Durabond 454B is The Ideal Choice For Any High Temperature Application Requiring High Bond Strength and up to 500°F Service.

Physical Properties

Max. Use Temp.	500°F
Components	2
Mix Ratio (by wt.)	100 : 11
Viscosity	100,000 cps
Density	1.9 gms / cc
Hardness	80 Shore D
Tensile Strength	10,000 psi
Elongation	1.2 %
Shrinkage	0.1 % max
Moisture Absorption	0.2 % (30 days @ 50°C)
Thermal Expansion	4.1 x 10 ⁻⁵ /°C
Thermal Conductivity	35 BTU in/hr. °F Ft. ²
Volume Resistivity	10 ¹⁰ ohm-cm

Availability:

Cat #	Description	Components
RK 454	Repair Kit	2.5 oz. Resin, 0.6 oz Hardener sandpaper, mixing sticks Reinforcement Screen
454B-1	1 lb. Bulk Pack	0.9 lbs. Resin 0.1 lb. Hardener
454B-2	4 lb. Bulk Pack	3.5 lbs. Resin 0.5 lb. Hardener

Quantity Prices on Request.

