

# 2000°F Durabond™ 7032

## Now a Metallic Stainless Putty That Fills, Bonds, Protects & Repairs

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

Now, a 2000°F, Stainless Steel, One Component Putty that fills, bonds, protects and repairs.

It is easy to use. Just re-mix and apply. Hardening starts in just 60 minutes.

User Friendly ! Does not contain flammable solvents . No harsh odors, no out gassing.

Durabond 7032 offers excellent adhesion, corrosion and chemical resistance.

Can be machined, tapped or drilled and will not run or sag while applying.

**Applications Include:** repairing pumps, valves, fittings, and equipment; rebuilding worn housings, shafts and tank linings; filling cracks, holes, voids, blowholes.

Durabond 7032 is commonly used for the production of motors, assemblies, instrumentation, laboratory equipment, automotive parts, machines, etc.

**Durabond 7032 is the Ideal Choice For Any High Temperature Application Requiring High Bond Strength and up to 2000°F.**



**7032 Repairs a Wear Plate**

### Physical Properties

<b>Max. Use Temp.</b>	<b>2000°F</b>
Components	1
Pot Life	60 minutes
Cure @ R. T.	24 hours
Viscosity	Paste
Density	180 #/ ft. <sup>3</sup>
Compressive Strength	4600 psi
Bond Strength	
at 200°F	600 psi
at 1200°F	1400 psi
Thermal Expansion	9 x 10 <sup>-6</sup> /°F



## Metal Aid Engineers

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# Resbond™ 907GF

## 2350°F Adhesive & Sealant

### Bonds - Seals - Fills - Protects



**Resbond™ 907 GF Fireproof Adhesive and Sealant** is a moist creamy putty that is easily applied from standard caulking cartridges for use from - 300°F to 2350°F.

Just apply directly to clean Steel, Stainless, Iron, Most Metals, Ceramics, Ceramics Cloths, Tapes, Gaskets, Tadpoles Gaskets, etc.

907 GF air dries in 4 to 12 hours at room temp. (Curing may be accelerated with mild heat).

**Resbond™ 907 GF** is resistant to most chemicals, solvents, oxidizing and reducing atmospheres, aging, thermal cycling, and electricity.

#### **Applications Include:**

**Bonds** - Ceramic Tapes, Metals, Ceramics, Glass, Instruments, etc.

**Repairs** - Exhaust Systems, Diesel Engines, Gas Turbines, Heating Plant Equipment, Ceramics, Fire Bricks, Mortar etc.

**Assembles** - High Temp. Equipment, Brazing Fixtures and Supports, Stacks

**Seals** - Exhaust Systems, Stacks, Flues, Gasket Forming, Fills Surface Irregularities, etc.

**Ideal for any High Temp. Assembly, Production, Repair, or Maintenance Application.**

#### **Physical Properties**

<b>Max Use Temp.</b>	<b>3000°F</b>
Continuous Service Cured Temp.	2350°F
Density # / ft <sup>3</sup> Cured	65-80
Compressive Strength psi	1500
Elongation %	5
Specific Heat BTU/# °F	0.25
Dielectric Constant @ 10 <sup>8</sup> cps	3.0
Volume Resistivity ohm-cm	10 <sup>9</sup>
Dielectric Strength Volts/mil.	145
Thermal Conductivity* @ 500 °F	6.0
Shrinkage %	2
Shelf Life (Months)	6 - 9

#### **Users Report :**

- Resbond 907 GF seals exhaust ducts against corrosive chemicals and high temperatures.
- Resbond 907GF replaces ceramic gaskets and successfully seals pipe joints for use up to 1800°F.
- Resbond 907GF bonds over lapping layers of stainless steel to form air ducts for furnaces that operate at 1200°F continuously.