

High Temperature Ceramics

Resbond®

Adhesives and Fillers

Resbond® 919

1530°C Electrically Resistant

Provides exceptionally high electrical resistance and dielectric strength even when exposed to extreme temperatures. Just mix to a creamy paste, apply and cure at room temperature. Commonly used for electrical insulation when potting, sealing, or coating igniters, thermocouples, heating coils and instrumentation.

Resbond 919-1 Quart kit

Resbond 919-2 Gallon kit



Resbond® 920

1650°C Thermally Conductive

An Alumina-based ceramic, 920 should be used whenever rapid dissipation of heat is required. A room temperature curing system, can be accelerated with mild heat if required. Applications include bonding high temperature resistors, pyrometers, heating elements etc.

Resbond 920-1 Quart kit

Resbond 920-2 Gallon kit



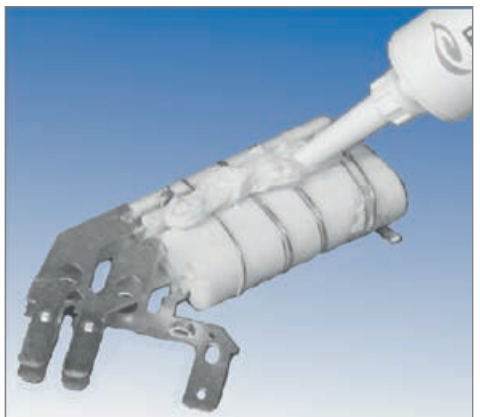
Resbond™ 908

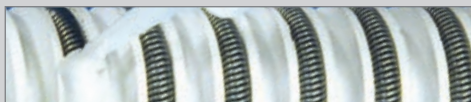
1650°C Electrically Resistant & Thermally Conductive

A high purity, Alumina-based adhesive, with excellent electrical and moisture resistance, plus good thermal conductivity. Just mix the resin and it's activator for a readily dispensable smooth creamy paste. Ideal for bonding, potting and encapsulating delicate electronic assemblies, sensors and instrumentation, and any general purpose high temperature application.

Resbond 908-1 Pint kit

Resbond 908-2 Quart kit





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Resbond™ 906

1650°C High Expansion Adhesive

Formulated for bonding high expansion materials including steel, stainless, aluminium, brass, copper, silver and nickel amongst others. Will cure at room temperature to form a highly thermally conductive bond. Resistant to flame impingement and most liquid metals. Electrically insulating, 906 also has excellent resistance to most chemicals and solvents.

Resbond 906-1	Pint kit
Resbond 906-2	Quart kit
Resbond 906T-1	Thinner (pint)



Resbond® 989

1650°C Single Component

A high purity, Alumina based adhesive, 989 has a creamy consistency and cures at room temperature to form strong bonds to ceramics, graphite, metals and glass. Applications include bonding electrical components, thermocouples, heat sensors and critical electronic components. Also available in Fast Set (FS) and Fine Particle variants (F).

Resbond 989-1	Quart kit
Resbond 989-2	Gallon kit



Resbond® 903HP

1780°C Single Component

Developed for high strength bonding of any combination of dense non-porous ceramic, glass and non-reactive metals. Just re-mix and apply, can be brushed, trowelled or sprayed on. Thermal cure cycle required. Has excellent electrical properties and is resistant to liquid metals, oxidising and reducing atmospheres and most chemicals and solvents.

Resbond 903HP-1	Pint kit
Resbond 903HP-2	Quart kit
Resbond 903HP-3	Thinner (pint)

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Adhesives and sealants

Resbond™ 907GF

1260°C Fireproof Adhesive, Sealant & Putty

A moist, fireproof adhesive sealant, applied via a standard caulking cartridge, 907GF has excellent adhesion to clean steel, stainless, iron and most metals, plus ceramics, ceramic cloth, tape and gaskets. Applications include repair and sealing of exhaust systems, pipe joints, stacks, flues, fire bricks, mortar etc

Resbond 907GF-1	1/2 pint
Resbond 907GF-2	Quart
Resbond 907GF-5	3 x 4oz dispenser tubes
Resbond 907GF-6	11 oz cartridge
Resbond 907GF-7	Smooth fine grade 11 oz

Resbond™ 905

1370°C Low Expansion Adhesive

Specifically formulated for bonding low expansion and thermal shock resistant ceramics. The thermal expansion closely matches that of Quartz, Fused Silica, Corderlite and Glass. Used as a replacement for standard ceramic adhesives that may crack or weaken on thermal cycling.

Resbond 905-1	Pint kit
Resbond 905-2	Quart kit
Resbond 905T-1	Thinner (pint)

Resbond™ 940 Range

1100°C Fast Setting Adhesives

Fast setting, customisable adhesives are designed to eliminate costly errors caused by bonding adhesive and substrate with mismatched physical properties. Choose from Standard, High Temperature, Low Expansion, High Expansion and Stainless Steel.

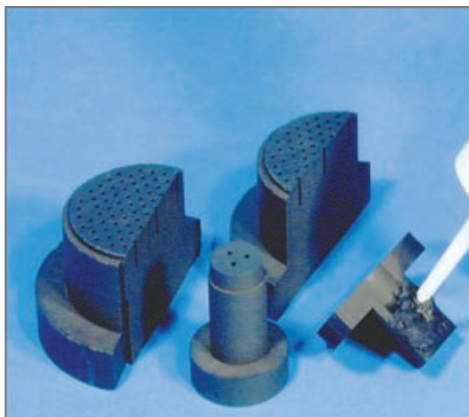
Resbond 940-1	Quart kit
Resbond 940-2	Gallon kit
Resbond 940-3	Thinner (pint)
Resbond 940HT	High Temperature, 1530°C
Resbond 940LE	Low Expansion, 1370°C
Resbond 940HE	High Expansion, 980°C
Resbond 940SS	Stainless Steel, 1100°C



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Adhesives and fillers



Resbond™ 904

2200°C Zirconia Adhesive and Coating

Designed as a smooth creamy paste that is easily brushed on to ceramics, graphite, metals, etc. to form adhesive bonds and coatings that will provide continuous protection.

- Resbond 904-1 Pint kit
- Resbond 904-2 Quart kit
- Resbond 904-4 Thinner (pint)

Resbond™ 931

2980°C Electrically Conductive Adhesive

Bonds graphite or carbon components for use to 3000°C with 99% pure graphite. Simply mix the 931 Graphite powder with its activator to a creamy paste, apply and cure at 120°C.

- Resbond 931-1 Pint kit
- Resbond 931-2 Quart kit
- Resbond 931-3 Gallon kit
- Resbond 931-4 Thinner (pint)

- Resbond 931S Graphite sealer (pint)
- Resbond 931C-1 Ceramic Bonded Graphite, Pint kit

Resbond™ 950 Range up to 1100°C Metallic Adhesives

These three metallic composite adhesives offer some of the ductility and impact resistance associated with soldering and welding. Just mix, apply and cure at room temperature with no odours or VOC's.

- Resbond 950 Aluminium based
- Resbond 952 Nickel based
- Resbond 954 Stainless Steel based
- Resbond 954OD Minimised porosity

Available as an adhesive or putty in various sizes. Please contact us for further details