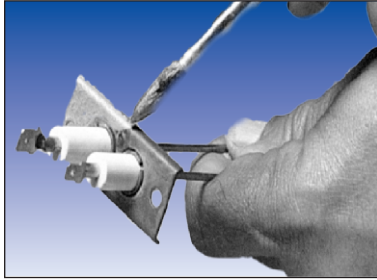


# HI-TEMP SEALANTS AND COATINGS

Low Cost, Stock Sizes, Ideal For 1000's of Applications

## Duralco™ High Temp Coatings

**Duralco 230N**  
Protects an  
**Igniter**  
Housing



Cat. No.	201	215	230	254
Base Binder	Aluminum Ceramic	Alumina Ceramic	SS Ceramic	SS Glass
Temp. Max (°F)	1200	2500	1500	1800
Cure Initial (°F)	175	RT	RT	RT
Cure Final (°F)	600	NR	250	1400
Color	Grey	White	Stainless	Gray
Pts.	120.35	119.44	117.91	117.34
Qts.	206.60	303.47	211.46	217.82
Gals.	439.77	582.64	462.02	479.82

### 1200°F - Duralco 201 - Liquid Aluminum Coating

Duralco 201 is a new, water based coating filled with ultra fine aluminum for maximum corrosion resistance. Duralco 201 has excellent resistance to high humidity and saline atmospheres, fuel gas exhaust, corrosive environments and organic solvents. Its easy to use. Just apply and cure.

**Applications Include:** protecting stacks, mufflers, boilers, jet engines, heat exchanges, chemical processing equipment, outdoor electrical equipment and other assemblies.

### 2500°F - Duralco 215 - Impregnate and Coating

Duralco 215 has ultra fine, ceramic particles that will impregnate even into pre-wound electric windings. It is readily applied by brushing, dipping, coating and air dries to provide excellent electrical, chemical and solvent resistance.

**Applications Include:** coating and impregnating high temp. coils, motors, transformers, resistors, heating elements, etc.

### 1500°F - Duralco 230 - Liquid Stainless Coating

Duralco 230 Liquid Stainless is formulated from specially processed, stainless steel platelets and Ceramic binders creating a safe, water based system. It is applied to clean surfaces by brushing, spraying or dipping. Air drying or mild heat will provide corrosion resistance to 1300°F -1500°F.

**Users Report:** Parts coated with Duralco 230 passed 2000 hour tests and thousands of thermal cycles tests to 1300°F.

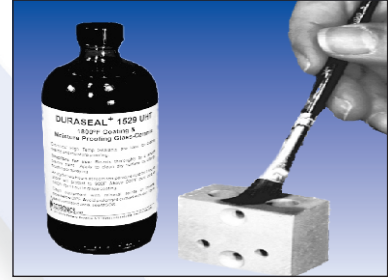
### 1800°F - Duralco 254 - Porcelain Like Stainless

Duralco 254 is a unique, silicone bonded, porcelain like, highly protective, Stainless Steel, Composite Coating. Just apply and dry at room temp. Post cure at approximately 1100°F to 1400°F. Duralco 254 offers service up to 1800°F and is ideal for providing protection for all types of metallic surfaces.

**Applications Include:** corrosion protection for burners, heating elements, exhaust stacks, equipment, etc.

## Duraseal™ High Temp Sealants

**Duraseal 1529**  
Moisture-  
Proofs  
Porous  
Ceramic  
Components



DURASEAL+ BASE	1529 Silicone	1529H Catalyzed Silicone	1529FS Catalyzed Silicone	1529UHT Silicone/Glass Composite
Use Temp. (°F)	600	750	900	1800
Dielectric Strength v/mil	300	300	325	800
Color	Clear	Clear	Clear	White
Moisture	Excellent	Excellent	Excellent	Excellent
Chemicals	Good	Good	Good	Excellent
Cure Temp. (°F)	350	350	400	425 & Glaze @1100-1400
Pints	88.33	108.59	120.91	118.61
Quarts	136.37	158.82	175.12	169.59
Thinner Pints	43.41	43.20	43.20	43.20

### Duraseal High Temperature Sealers

The ideal choice for waterproofing, sealing, impregnating and coating in any high temperature application.

Duraseal High Temperature sealants are based on organic-inorganic formulations and can be used up to 1800°F.

DURASEAL+ will increase dielectric properties, moisture proof and seal ceramics, thermocouples, cartridge heaters, end seals, etc.

Commonly used for waterproofing Cotronics' ceramic fiber products, high temp. gaskets, sleeving and tapes.

### 600-800°F - Duraseal+ 1529 and 1529H

Low viscosity liquid sealants that will readily penetrate porous surfaces and cure at 350°F.

### 900°F - Duraseal+ 1529 FS

A Low odor and VOC. formulation, medium viscosity sealant and coating for porous surfaces. Usable up to 900°F.

### 1800°F - Duraseal+ 1529 UHT

Now, for the first time, a silicone is combined with glass and a unique synergistic reaction forms a composite that will moisture-proof from room temperature to 1800°F.

Duraseal 1529 UHT dries at 250°F and glazes at 1200°F - 1400°F forming a surface for higher temperature applications.