

UNIQUE METALLIC ADHESIVES AND PUTTIES

High Bond Strength, Thermal Shock and Impact Resistance

DURABOND™ 950 - 952 - 954

2000°F Metallic Adhesives

Durabond™ adhesives and putties were specially formulated to bond metals, ceramics and dissimilar materials for use to 2000°F.

These metallic composite adhesives overcome the brittle bonds obtained with ceramics and offer some of the ductility and impact resistance associated with soldering and welding.

Durabond™ adhesives can be drilled, tapped, machined, etc.

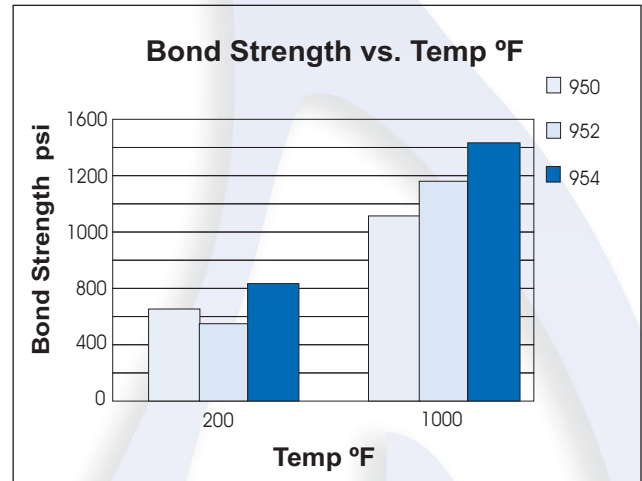
They do not contain Epoxies or Silicones which would limit their use to 600°F.

These composites are inorganically bonded and chemically cured.

They are safe and easy to use. No odors. No VOC's.

Just mix, apply and cure at room temperature.

Fast Setting Durabond Composites (type FS) are now available. These smooth, creamy, putties are ideal for repairs, patching, casting, potting, etc.



DURABOND™	950	952	954
Use Temperature °F	1200	2000	2000
Base	Aluminum	Nickel	Stainless
Color	Gray	Gray	Gray
Mixed Cured Density (lb./ft ³)	90	85	178
Mixed Cured Density (gms/cc)	1.44	1.69	2.85
Thermal Expansion (10 ⁻⁶ /°F)	10	4	10
Pot Life (Hours)	2	2	2
Bond Strength @ 200°F (psi)	500	400	600
Bond Strength @ 1200°F (psi)	1000	1200	1400
Components	2	2	2
Mixed Ratio (A/B)	100:60	100:120	100:25



Durabond™ 954 Bonds a Stainless Filter Cartridge for use at 1200°F

Aluminum Durabond™ 950 - Usable to 1200°F

This adhesive was developed for high strength and high temperature bonding. Its easy to apply and cures at low temperature. Use with steel, cast iron, aluminum, copper, etc. Its easily machinable. Can be ground, sanded or polished.

Nickel Durabond™ 952 - Usable to 2000°F

952 was specially formulated to be a low expansion, metallic adhesive for bonding 400 Series Stainless Steel, low expansion high temp. alloys, metals and ceramics, etc.

Stainless Steel Durabond™ 954 - Usable to 2000°F

954 is a high expansion adhesive for high temp. bonding of 300 series Stainless, high expansion metals, ceramics, etc.

NEW, Stainless Steel, Sealing Adhesive - Usable to 2000°F

954OD bonds and seals high expansion materials. Ideal for applications requiring the minimum porosity from a ceramic adhesive. Commonly used to prevent leaks from equipment.

Cat. No.	Base	Type	Size
950-1	Aluminum	Adhesive	.Pint
950-2	Aluminum	Adhesive	Quart
950FS-1	Aluminum	Putty	Pint
952-1	Nickel	Adhesive	Pint
952-2	Nickel	Adhesive	Quart
952FS-1	Nickel	Putty	Pint
954-1	Stainless	Adhesive	Pint
954-2	Stainless	Adhesive	Quart
954FS-1	Stainless	Putty	Pint
954OD-1	Stainless	Sealer	Pint
954OD-2	Stainless	Sealer	Quart

*Now Available, Pre-Measured Kits
Ideal for Field Applications*



COTRONICS CORPORATION

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