

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.

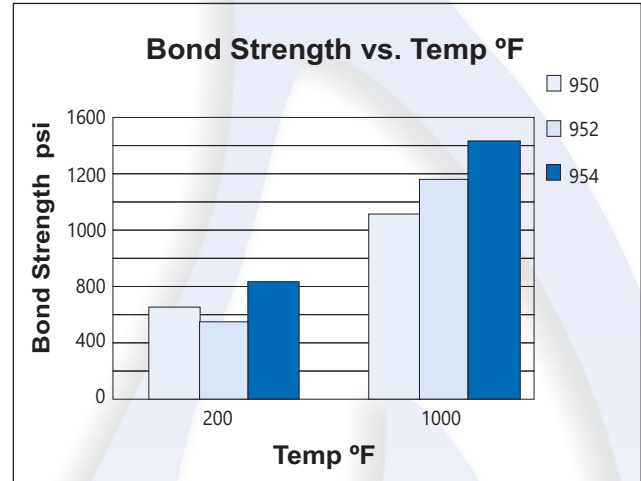
Durabond adhesives can be drilled, tapped, machined, etc.

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.



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 temp. bonding. Its easy to apply and cures at low temp. 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.

Cat. No.	Base	Type	Size	Price
950-1	Aluminum	Adhesive	Pint	134.77
950-2	Aluminum	Adhesive	Quart	224.73
950FS-1	Aluminum	Putty	Pint	138.63
952-1	Nickel	Adhesive	Pint	138.64
952-2	Nickel	Adhesive	Quart	229.70
952FS-1	Nickel	Putty	Pint	138.62
954-1	Stainless	Adhesive	Pint	138.62
954-2	Stainless	Adhesive	Quart	229.70
954FS-1	Stainless	Putty	Pint	138.62
954OD-1	Stainless	Sealer	Pint	138.62
954OD-2	Stainless	Sealer	Quart	232.99

Now Available, Pre-Measured Kits

Ideal for Field Applications

Note: All containers are filled by weight not by volume

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