New Plastic Bonding Adhesive

400ºF "Super Bonder" 7050

For High Strength Bonds to Nylon, PVC & Dissimilar Materials

- ***Bond-IT 7050 is Easy to Use***
- ***No Need For Special Surface Preparation***
- ***Cures at Room Temperature***
- ***Excellent Chemical & Solvent Resistance***

Bond-It™ 7050 Activated Epoxy adheres to most plastic surfaces producing bonds in many cases stronger than the plastic substrates.

Bonds combinations of dissimilar materials including, metals, ceramics, plastics, glass, etc.

In most cases, no special surface preparation is required.

Its easy to use. Just mix and apply.

Cure at room temperature for 400ºF service, high bond strength, high temperature stability and excellent electrical, thermal and chemical resistance.

Bond-IT 7050 forms high strength bonds to most metals, plastics, high performance composites, glass, ceramics, dissimilar materials, etc.

Users Report:

> Bond-IT™ 7050 bonds Nylon to Aluminum metal housings with the high bond strength required for a high performance lighting fixture.

Bond-IT™ 7050 is the Ideal Choice for Any High Performance Application Using Difficult to Bond Materials and Plastics.

Available in Regular or Super Fast Curing Grades

Physical Properties

Maximum Temp	**400**	**ºF**
Density	1.05	gm/cc
Viscosity	20,000	cps
Cure @ 75 ºF	4-16*	hours
@ 200 ºF	1-2	hours
@ 250 ºF	30 - 60	minutes
Shrinkage	0.8	% max.
Hardness	70	Shore D**
Elongation	3.0	%
Bond Strength	4,000	psi
Tensile Strength	5,000	psi
Thermal Conductivity	4.5	BTU units
Thermal Expansion	4.8	x 10^{-5}/ °C
Dielectric Strength	400	volts / mil
Volume Resistivity ohm cm	10^{14}	ohm cm
Moisture Absorption	0.2	%

* Super Fast Grade Cures in minutes

** Flexible Grades Shore A = 60

Cat. Number	**Size**
Bond-It 7050-1	Applicator Kits*
Bond-It 7050-2	Pint Kits

Specify Regular or Super Fast Grade

**Each applicator kit contains 1 ounce in easy to use syringes with mixers and instructions.*

Distributed By:

COTRONICS CORPORATION

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