

WELD-IT

WELD-IT EPOXY ADHESIVE

79496

Epoxy Adhesive

The Basics



WELD-IT is designed for the assembly of difficult-to-bond materials which require uniform stress distribution and strong tension and /or shear strength. **WELD-IT** is a two-component epoxy adhesive. Part A is a black resin paste and Part B is a white hardener paste.

The WELD-IT Advantage

Producing strong bonds in a short period of time, **WELD-IT** is ideally suited for joining small parts and for repair work. Once cured, it can be drilled, tapped, sanded, heated, and painted. **WELD-IT** Reduces labor costs by onsite repair. **WELD-IT** is Made in the U.S.A.



Features

- **WELD-IT** is a permanent sealing method that rapidly binds surfaces such as metal, plastic, concrete, wood, paper, leather, and fabric
- **WELD-IT** is simple and easy to apply using the included wooden applicators
- **WELD-IT** mixes with a one-to-one ratio
- **WELD-IT** has good impact, peel, and fatigue resistance
- **WELD-IT** quickly forms a seal for many materials including cable jackets, end plates, cable trays, and many other applications
- 100% solids formulation for VOC compliance
- Gap-filling viscosity for good migration control



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Physical Properties (Typical)

	WELD-IT Part A	WELD-IT Part B	Mix
Color	Black	White	Grey
Appearance	Paste	Paste	Paste
Viscosity @ 25°C	132,000 cP	120,000 cP	125,000 cP
Specific Gravity	1.48	1.45	

Properties (Typical)

Gel (min).....	3.5	Temperature Range: The Tg is 113°F and the operating temperature is -85°F to 212°F. Brief exposure to higher temperatures below 257°F will not damage the material.
Exotherm (min).....	5	
Shore D Hardness.....	80	
Tensile Shear		
Scuffed aluminum (psi)..	1,000	
Steel (psi)	1,200	

Instructions for Use

PLEASE READ SAFETY DATA SHEET BEFORE USING.
Parts to be bonded should be free of any dirt, oil or other contaminants. For best results, the two surfaces being bonded should be slightly roughened and wiped clean with a solvent wipe such as Rainbow Fiber Optic Wipe #4002.
Mix Ratio: 1 part A to 1 part B by volume.
Mix thoroughly, minimizing air entrapment.

Safety and Handling

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Maintain good chemical hygiene.

Shelf Life and Storage Info

Store separate components in original sealed containers at 59-86°F (15-30°C) for up to one year.

Contact Information

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