The Weld Mount System: How Does it Work?

The Weld Mount System is a unique line of fasteners designed to be adhesively bonded to almost any substrate. We offer wire tie mounts, hose and cable clamps, studs, standoffs, and floating nutplates. All of our fasteners are mounted with our unique non-sag acrylic adhesives which hold the parts in place on a vertical or overhead surface providing a permanent high strength bond. Our adhesives are rated from -65 to 250 degrees and set in 15 minutes or less.

Weld Mount System parts eliminate the need to drill into composites core which can result in hull and deck delaminations. Our adhesively bonded fasteners eliminate the need to drill and tap when used on metal surfaces. Weld Mount fasteners are great for mounting electronics, wire runs, bilge applications and firewall wiring. Weld Mount System fasteners save both time and money, its easy to use, it eliminates drilling and they are much stronger than traditional methods.

AT-4020 Acrylic Adhesive

AT-4020 is a specially formulated adhesive with high viscosity for holding all our studs and standoffs without sagging in a vertical or overhead application.

- Cures in 10 minutes – working strength within 30 minutes.
- One year shelf life when stored at 72°
- 50 ml cartridge can either be mixed by hand or used with our gun and mixing tips – bonds 100-150 parts

AT-2010 Acrylic Adhesive

- Cures in 6 minutes – working strength within 15 – 20 minutes
- One year shelf life when stored at 72°
- 50 ml cartridge – bonds 100-150 parts
“...designed to bond directly to almost any substrate.”

The Weld Mount System: Our Parts

Weld Mount Wire Tie Mounts
• Surface bond with our acrylic adhesives or set into wet fiberglass resin during lamination
• Prevents drilling holes into composite cored substrates
• Eliminates bonding or laying up blocks of wood to screw in conventional wire tie mounts

Weld Mount Stainless Steel Studs
• Available in a wide range of lengths, threads and base sizes
• Mounts to virtually any substrate
• Press fit studs manufactured of 304 stainless steel with very high working strength
• Bonds to either side of the baseplate

Weld Mount Female Threaded Standoffs
• Available in a range of lengths and threads
• SOB model has a "blind" thread
• SOT model has a through thread
• Bonds to either side of the baseplate

Weld Mount Hose and Cable Clamps
• Polypropylene single & double clamps in a wide range of sizes up to 1" OD
• Mount on our stainless steel studs or other fasteners
• Hinge design protects hose or cable from abrasion

Contact us Today!
phone: 631.331.2323 • fax: 631.331.2382 • email: info@WeldMountSystem.com
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The Weld Mount System: Why Use it?

• **Weld Mount** products eliminate the need to drill in to the composite skin and expose the core
• Eliminate drilling, tapping, welding, grinding and finishing steps
• Eliminate blocking added during lamination or afterwards to have a place to put screws
• Eliminate costly rework expenses caused by inadvertently drilling though substrates
• Much stronger than traditional methods
“Innovative Fastener Systems”

WELD MOUNT

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