

Brewer Welding Capabilities

RF & Ultrasonic

Construction and seam integrity for table pad sets and therapeutic support surfaces used in a clinical setting are critical. Traditional needle and thread sewing or stapling can leave gaps and needle holes that are more than challenging for infection control. See how Brewer's OEM welding capabilities can provide you and your customers with The Power To Advance!



Welding Techniques:

- **Radio Frequency (RF)**

Radio Frequency (RF) welding is a process of bonding together materials through the use of electromagnetic energy. The weld is completed by applying pressure, ensuring a successful bond and seal.

- **Ultrasonic**

Ultrasonic welding uses high energy acoustic vibrations to produce a weld between two sheets of material. These vibrations create heat sufficient enough to bond the materials together.

Welding Advantages:

- **Fluid Resistant**

When impermeability is a requirement, the shape of the seam and overall component is critical. Brewer can design for maximum resistance using welding techniques.

- **Infection Control**

Since there are no stitch holes in the material, fluids, infectious material, chemicals, liquids, or other debris cannot penetrate the pad seam. They will pool at the surface enabling easy clean-up.

- **Seal Strength**

Because the materials are bonded together, the seal strength is more assured. There are no exposed threads to contaminate and the seam is typically stronger than the cover material.

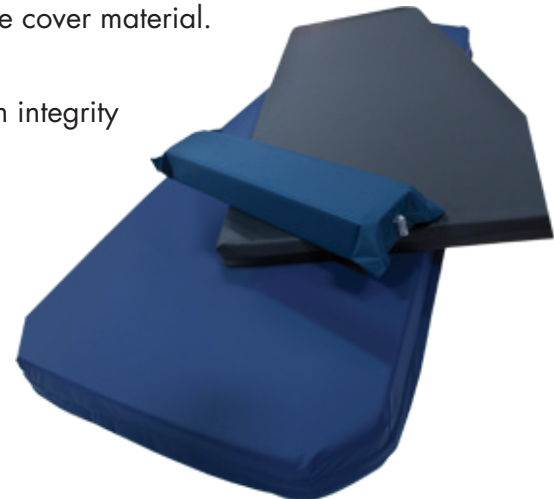
- **"Seamless" Appearance**

In RF welding, smooth, even seams will add a clean look. Consistent seam integrity reflects product quality and brand confidence.

- **Easy-to-Clean Surface**

The seams will not hinder cleaning wipes or create additional work.

Any liquids or spills will pool for easy clean-up.



Brewer

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