

ROTOR WING

COMPOSITE BLADE REPAIR



**HCS2034 Series
Blade Clamps**



**Custom Designed
Blankets**



**HCS3100 Series
RepairClave**

HCS3100 Series RepairClave

Dimensions:

- Standard Lengths Available: 3ft - 35ft (.9m - 10.6m)
- Inside Diameter: 3ft - 6ft (.9m - 1.82m)

(Length and Diameter are Customizable upon Request)

Power Requirements:

- Minimum - 240V, Single Phase - 60 Amps
- Maximum - 480V, 3 Phase - Amperage Depends on customer configuration requirements

(Various Voltage, Multiple Zones, and Phase Configurations Available)

Operating Pressure:

- ASME Certified Vessel is designed to operate from 0 - 100 psi @ 400° F
- Certified Pressure Relief Valve built in, per ASME, for your safety

(Higher Operating Pressures are available upon Request)

Construction:

- Vessel: Constructed from certified rolled plate steel material (SA516-70). ID Label Stamped with Final ASME Hydrostatic Test Documentation and Data Plate
- Closures: Hinged Closure - Locking Mechanical Devices per Design
- Fixed (Closed) End - Welded Domed Tank Head
- Locking Casters and Floor Jacks for Mobility and Stabilization
- Additional Auxiliary Ports for Future Expansion

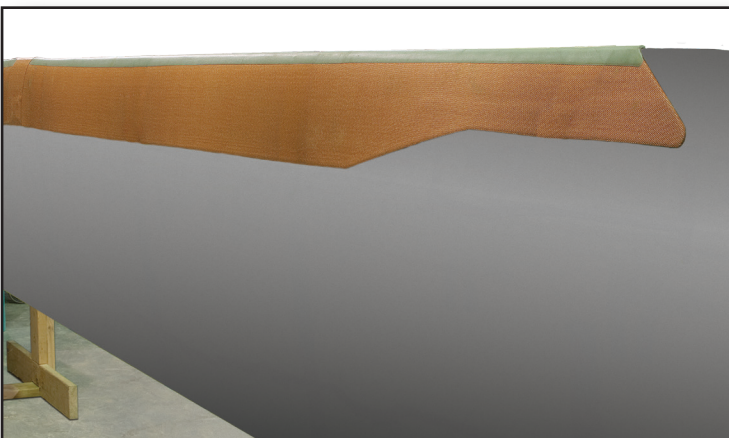
Calibration:

- 1 Year Intervals recommended by HEATCON® Composite Systems

Re-Certification:

- No Annual Certification of the Pressure Vessel required

(Please check local government directives which may supercede this requirement)



Custom Blanket for Abrasion Strip Replacement

HCS2034 Series Blade Clamp

Weight: 31 lbs

Dimensions: 39.375in x 14.75in (100cm x 37.47cm)

Operating Pressure: 15psi

Pressure Bladder Area: 12.5in x 12.5in
 (31.75cm x 31.75cm)

Adjustable Height and Pressure Area Placement

Custom Designed Heat Blankets

The need for custom shaped, flexible heat blankets in composite repair for the helicopter industry has increased dramatically in recent years with all of the emerging applications being performed. HEATCON® Composite Systems has both the experience and dedication to meet all of your custom heat blanket requirements from design to delivery.

Our Custom Design Capabilities Include:

- Flat Geometrics / Die-Cuts
- 3D - A heat blanket designed for very specific form.
- Stretchable Blankets

Contours:

Some application examples for contoured heat blankets include: leading edge, trailing edge, propeller, rotor, flap, fan-track and fancowl repairs.

Simply supply us with the details listed below, and we'll begin designing the blankets to suit your specific needs.

- Width
- Length
- Lead Length
- Input Voltage
- Watt Density
- Dimensional Drawings



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