

ROTOR WING COMPOSING

COMPOSITE BLADE REPAIR



**HCS2034 Series
Blade Clamps**



**Custom Designed
Blankets**



**HCS3100 Series
RepairClave**

HCS3100 Series RepairClave

Dimensions: <ul style="list-style-type: none"> Standard Lengths Available: 3ft - 30ft (36in - 360in) Inside Diameter: 3ft - 4ft (36in - 48in) Length and diameter are customizable upon request
Power Requirements: <ul style="list-style-type: none"> Minimum - 120-240V, 1-Phase to 480V, 3 Phase Amperage will depend on customer configuration requirements Other voltages, multiple zones, and phase configurations available
Operating Pressure: <ul style="list-style-type: none"> ASME certified pressure vessel rated at 150 psi maximum pressure at 400° F Nominal operating pressure is 100 psi Certified Pressure Relief Valve built in, per ASME, to ensure vessel safety
Construction: <ul style="list-style-type: none"> Vessel: Constructed from certified rolled plate steel material (SA516-70) Vessel stamped with final ASME Hydrostatic Test on permanently affixed data plate Closures: Hinged Closure - various mechanical locking devices Fixed (Closed) End - Welded Domed Tank Head Locking Casters and Floor Jacks for mobility and stabilization Additional Auxiliary Ports for Future Expansion
Calibration: <ul style="list-style-type: none"> 1 Year Intervals recommended by HEATCON Composite Systems
Re-Certification: <ul style="list-style-type: none"> No Annual Certification of the Pressure Vessel required <p><i>(Please check local government directives which may supercede this requirement)</i></p>

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

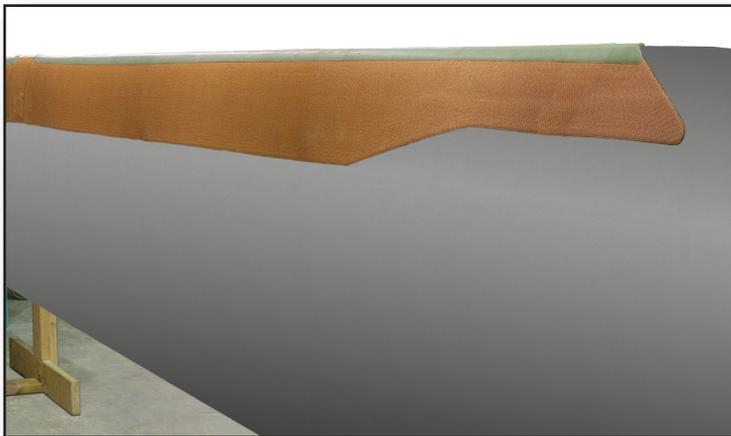
The need for custom shaped, flexible heat blankets in composite repair for the helicopter industry has increased dramatically in recent years with all of the emerging applications being performed. We have the experience and dedication to meet all of your custom heat blanket requirements from design to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

- Our Custom Design Capabilities Include:
- Flat Geometrics / Die-Cuts
 - 3D - 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.

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



Custom Blanket for Abrasion Strip Replacement



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