

Composite Curing Guide

BriskHeat.

As composites are used in more products, the need for repair and manufacturing tools becomes greater. BriskHeat® answers this need with a complete line of composite curing heat blankets, portable temperature controllers, hot bonders, and vacuum debulking/curing tables.

The Next Generation in Composite Curing Repair

- EASYSeal™ Vacuum Technology: A heating blanket that INSTANTLY vacuum seals to any surface, even a trailing edge! Eliminates the need for vacuum bag material.
- Completely redesigned Hot Bonder provides cutting edge technology such as an easy-to-use touchscreen and the industries only built-in vacuum pump.
- Industries best vacuum curing/debulking table. Our reputation speaks for itself.



ADVANCED COMPOSITE REPAIR 2 Heating Blankets

Silicone Curing Heating Blankets (SRL Series): Can be bent up to a 3" (76mm) radius. Good for applications such as metal bonding and post cure.

Extra Flexible Silicone Curing Heating Blankets (SR Series): Our most flexible curing blanket. Can be bent up to a 1/4" (6mm) radius. Perfect for applications such as wet layup, prepreg, metal bonding, and post cure.

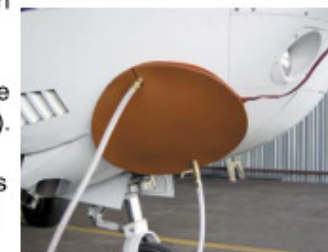
with EASYSeal™ Vacuum Technology (SRV Series): The latest in composite curing technology that instantly vacuum seals and molds to your surface. This eliminates the need for vacuum bagging material. Also eliminate the need for sealant tape with the blanket seal option.

Variable Watt-Density Curing Heating Blankets: The most uniform curing option available. This is achieved with its unique four-sector design and insulation layer (patent pending). Available with EASYSeal™ Vacuum Technology.

High Temperature Curing Heating Blankets (FGH Series): Good for applications such as ceramics. Can heat up to 800°F (426°C).

Ultra High Temperature Heating Curing Blankets (SXH Series): For high temperature applications like experimental composites and ceramics. Can heat up to 1100°F (593°C).

High Temperature Insulating Blankets (FGI Series): Reduces the amount of heat loss to the environment during a cure cycle. Designed to be used with BriskHeat® Advanced Composite Repair 2 Heating Blankets.



ADVANCED COMPOSITE REPAIR 2 Portable Hot Bonder

Features:

- Single or dual zones
- Easy-to-use touchscreen graphical interface
- Choose either electric vacuum pump or vacuum venturi
- USB for easy data transfer
- Digital data logger provides real-time information
- 10 Thermocouples sensor inputs per zone
- Optional model designed for flight line / hazardous area
- Much more!



ADVANCED COMPOSITE REPAIR 2 Table Top 8300 Series Temperature Controller

Features:

- Temperature control for traditional vacuum bag repair
- Portable, lightweight, self-contained
- Autotuned digital PID
- Standard J style thermocouple jack
- Rated 20 amps at 120 and 240VAC
- Visual and audible alarm
- Optional ramp/soak
- Optional vacuum venturi



ADVANCED COMPOSITE REPAIR 2 Vacuum Debulking/Curing Tables

Industry's best vacuum table. Contact us for more details!

