



# Joint-Strike Mat

## Customized Non-Woven Hybrid Mats

### Joint-Strike

- customized blankets comprised of mechanically bound non-woven substrates into a one-piece mat, thus allowing consumers to *specifically match* thermal requirements to the appropriate substrate. For example, a 1350F hot side would normally require a ceramic or silica fiber barrier. Ceramic fibers are *respirable* and silica is *more costly*. BSP can provide a mat comprised of basalt and fiberglass whereby the basalt easily manages the hot side, with the fiberglass getting the benefit of basalt's first line of defense. All fibers in all substrates are completely non-respirable.

### Joint-Strike

- blankets can withstand *continuous* operating temperatures *up to* 1800F, making them suitable for virtually any application and budget. Substrates can be comprised of fiberglass, basalt, and silica non-wovens, in various combinations, densities, and thicknesses.

### Product Characteristics

- ✓ 100% Continuous filament fibers
- ✓ Continuous protection up to 1800F (540 C)
- ✓ 100% Non-Respirable fibers
- ✓ Excellent Acoustical Properties
- ✓ Low thermal conductivity
- ✓ Negligible moisture absorption
- ✓ Low chlorides & fluorides
- ✓ Excellent chemical resistance
- ✓ Density range from 6 pcf to 12 pcf.
- ✓ Conforms to irregular surfaces
- ✓ Negligible moisture absorption
- ✓ Low dusting, especially at operating temperatures
- ✓ Thicknesses ¼ , ½, ¾ , 1 inch
- ✓ Roll widths up to 84 inches
- ✓ Preshrunk versions available

#### Primary Applications

- Commercial / Residential appliances
- Automotive exhaust systems
- Turbines/Turbine Silencers
- Filtration
- Industrial ovens and furnaces
- Other applications requiring low to zero smoke & odor
- Heat shields/Furnace Modules
- Power generation equipment
- Marine
- Removable Insulation/Weld Pads

#### Other advantages

- No need to pay for more costly single-fiber blankets
- Offers ability to solve thermal issues at the lowest cost
- BSP can provide customized widths, densities, and thicknesses.
- Made in the **USA** allowing rapid response to custom requirements and short delivery lead-times.
- BSP can provide pre-cut parts
- MasterCard and Visa accepted



600 East Main, P.O. Box 68, Elkin, North Carolina 28621

PH: 336-835-5323 Fax: 336-217-8016

E-mail: [afanale@usa.net](mailto:afanale@usa.net)