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INSULATOR COMFORT LAYER BOTTOM PADS

Developing performance tested, innovative and value targeted solutions with our customers is a driving force in our business development strategies. In addition to products composed of a variety of natural fibers, sustaining fibers and products engineered for robust FR Barrier protection, **Jones Nonwovens** produces an extensive line of insulator pads, comfort layer fiber nonwovens and compression resistant bottom pads. Each area of a mattress is manufactured with components that have performance and economic requirements unique to that specific structural zone. Our products are technically tested, and actual-use verified to meet customer defined criteria.

Jones insulator products are engineered to “bridge the gap” covering the edges and valleys in a mattress construction to achieve leveling and support. The blend ratios of sustainable fibers are selected based on the desired performance, durability, color and aesthetic objectives. The fibers in our insulator pads are joined through mechanical and thermal bonding. The pads range in loft or thickness according to customer requirements. Our complete line of insulator pads also offers a variety of drape options which facilitate handling and processing ease during mattress construction.

For loft and fill in a mattress, Jones comfort layer nonwovens are the ideal choice. Like the engineering of insulator products, the fiber blends chosen for comfort layer nonwovens maximize the natural properties of the fibers. Soft hand, color, loft and economy are critical to producing products that achieve the desired comfort vital in constructing a mattress that contributes to a great night’s sleep. Our comfort layers are designed to meet loft, density and weight targets.

A firm foundation is key to the construction of a quality mattress. In 2018, Jones advanced our nonwoven technology to expand our product offerings to include Airlaid fiber formation products. This process adds considerable controls to extending the loft range from 0.5 inch to approximately 6.0 inches or more, depending on the density requirements. The introduction of bottom pad products designed to meet compression resistance parameters allows Jones quality to enter yet another structural zone of the mattress. Our bottom pads are constructed with near white and multi-colored natural and synthetic fibers. From the top layers through the mid-range and now to the bottom structural zones, **Jones Nonwovens’** products include a wide range of natural and sustainable solutions to meet almost every design objective.