



Derived from the *hevea brasiliensis*, or rubber tree, latex has inherent qualities that make it the perfect mattress material.

Unsurpassed comfort and superior support

- Feels luxurious and resilient
- Naturally conforms to body contours for optimal orthopedic support
- Unique pinhole design and open-cell structure provide breathability through air circulation – heat and moisture resistant

Superior pressure relief to eliminate pinches and pains that interrupt a good night's sleep

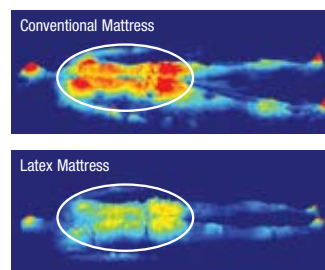
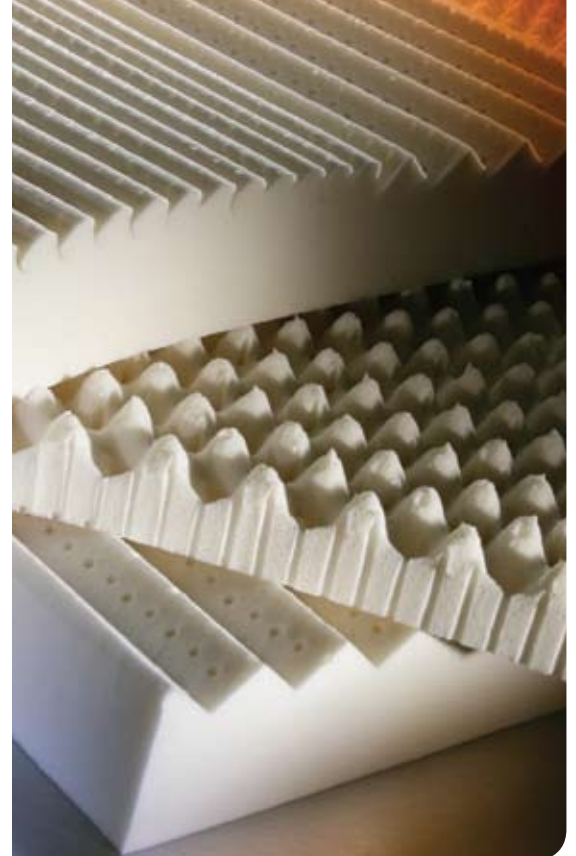
- Reduces high pressure areas (shown in red) that shut off capillary blood flow and cause a person to toss and turn
- Alleviates pressure to help bring oxygen and nutrients to muscles

Exceptional durability

- Latex is rubber, not plastic, making it highly resilient.
- Has a superior comfort life, maintaining its showroom feel for years to come
- Will not break down or take body impressions
- Never requires turning or flipping

Uniquely healthy

- Inherently antimicrobial, inhibiting the growth of bacteria, mold, and mildew
- Naturally hypoallergenic and dust mite resistant
- Produced using an environmentally friendly water-based process



XSENSOR™ Full Body Pressure Mapping

XSENSOR features 10,000 sensors that measure pressure between a body and a sleep surface.

LOW HIGH



Creating Comfort - The Talalay Process

The sap of the tropical rubber tree is nature's source for creating the perfect sleep environment. The Talalay process, a unique, eco-friendly production method, transforms this renewable resource into the world's finest latex foam.

Our state-of-the-art facility has been built from the ground up to set the industry standard for quality. Each step of the manufacturing process is closely monitored by a fully integrated computer control system. Every mattress is quality tested in nine locations to ensure our customers receive only the finest Talalay latex foam mattress cores and toppers in the world.

Latex International's 6-Step Talalay Manufacturing Process

- 1. Compounding:** Combination of liquid latex, soaps and rubber curing agents are mixed together in a temperature controlled, stainless steel tank.
- 2. Molding:** Compound is transferred to the pressroom where it is whipped into a froth and injected into an aluminum pincore mold. The pins create the unique aerated cell structure of our latex. The mold is sealed and a vacuum is pulled to extract air and completely fill the mold cavity with foam. Foam is then chilled at -20°F (-29°C). Freezing (unique to the Talalay process) prevents particles from settling and ensures a consistent cell structure. CO2 is introduced to gel the foam. 220°F (104°C) heat is applied to cure the foam as the core is baked into solid state.
- 3. Washing:** Latex foam core is removed from the mold and placed on a conveyer belt that brings it through a five-stage washer, which removes residual soaps and curing agents using fresh water.
- 4. Drying:** Mattress is transported to a two-lane dryer, which completes the curing process and removes residual moisture.
- 5. Quality Testing:** Once dry, Every mattress core undergoes a nine-point firmness consistency test to ensure all cores meet stringent quality standards.
- 6. Fabrication:** Cores are expertly cut and constructed to meet our customers' product specifications.

