

Help save Mother Earth. Sleep

Protecting our planet has never been more important than it is today.
100% ARPICO Natural Latex Guarantees exactly that..!



www.arpicolatexfoam.com

ARPICO is a pioneer and the largest manufacturer of 100% Natural Latex Foam in Sri Lanka. Sourcing latex from our Own plantation and processing it in our own facilities, our latex foam meets and exceeds the highest standards in the world.

100% NATURAL LATEX

What is Natural Latex?

Natural Latex is a milky substance harvested from rubber tree plants (*Havea brasiliensis*) which are grown in tropical climate plantations around the world. Most of the rubber plantations are located in Malaysia, Indonesia, India, Vietnam, and Sri Lanka. Natural Latex is bio-degradable and naturally resistant to mold, mildew & bacteria.

Liquid latex is harvested by peeling the bark of the tree and collecting the milky substance. It is a sustainable resource as the rubber tree is not harmed in the process. Around 15 grams of latex is collected from an average tree a day. A medium queen mattress needs a daily output of 2500 rubber trees spreading over 10 acres of rubber plantation.

Natural Latex

Natural latex, as its name implies, is “natural” which offers many benefits for use in sleep products. Since lately consumers with organic lifestyle are more prone to purchase 100% natural latex mattresses. The elasticity, healthiness, and ability of Natural Latex to conform to your body, reducing pressure on your muscles and circulation is unsurpassed. The resulting benefits and luxurious comfort simply can't be matched by any other material.

ADVANTAGES OF LATEX

Advantages of Latex

Outstanding elasticity.
(due to 100 % natural latex)

Anti-fungal & hygienic.

Excellent body support based on sound biochemical and ergonomic principles ensuring total comfort.

Certified quality guaranteed through stringent & continuous quality control.

Total absence of noise.

Outperforming logistical processes resulting in rapid delivery times, high delivery reliability & complete customer satisfaction.

Self-ventilating and moisture regulating. Body perspiration quickly dissipates & passes out of mattress keeping the user in continuous comfort.

Multi purpose applications for domestic & industrial usage.

Long-lasting durability.

Meets consumer's desired comfort levels.

NATURAL VS SYNTHETIC LATEX

Unlike conventional mattresses, latex alternatives are breathable, keeping owners warmer during cold temperatures and cooler during the warmer season. Latex mattresses minimize pressure points by conforming to a person's body shape and afford better slumber by absorbing movements.

There are additional benefits to using natural latex mattresses instead of synthetic latex. Natural latex mattresses have no polyurethane foam, which is made with carcinogenic chemicals that are emitted into the air as the foam breaks down, plus other cancer-causing toxins such as formaldehyde or poly-brominated diphenyl ethers (boric acid). Additionally polyurethane foam does not resist moisture, making for a suitable haven for dust mites, mold and mildew.

Natural latex is free of any manmade materials. On the other hand, synthetic or blended latex can be wholly or partially comprised of chemicals and petroleum with a similar cell structure. Synthetic latex lacks the proteins found in its natural counterpart. Scientists developed polymer-based latex during WWII. At that time, supplies of natural latex from the Far East were limited, necessitating a synthetic version which is an inferior substitute in the absence of quality raw material.

PROCESS

To manufacture one 'queen size' natural latex mattress, it requires a daily collection of latex from over 2000 rubber trees. This alone speaks for the extent of rubber plantations required to meet container loads of mattresses for the global markets. Producing quality latex mattresses have been a challenge for many manufacturers around the world, owing to their lack of access to superior quality latex sap. Richard Pieris Natural Foams Ltd, source all of their raw latex from our own FSC certified Kegalle Plantations which produces the best natural latex in the world and they are recognized as the largest and the best natural rubber manufacturer in the country.

All of their latex is configured at their own centrifuge plant housed on the plantations. The close proximity in location of the plant to the factory ensures freshness of the latex. The process is in line with the General Organic Latex Standard (GOSL) certified by the Control Union.

Experience in the Dunlop process fused with fresh and best quality latex obtained from their own plantations gives them the edge in the market to manufacture the best structured latex blocks and sheets. Deploying high quality cutting edge machinery, RPNF has emerged the most proffered supplier to leading 100% natural and all natural organic mattress brands around the world.

The Dunlop Process has become the most preferred technology to manufacture 100% pure natural latex mattresses as the process is environmental-friendly and no toxic chemicals are emitted during production. All of their natural latex foam products are manufactured through the Dunlop process.

Compound latex is frothed and filled into molds and vulcanized at lower temperature. Each mattress is made individually in molds for the size of the product. The gravity and natural sedimentation makes the firmness gradient from bottom to top, enhancing back support firmness and luxury comfort of 100% natural latex mattress.

SUPPLY CHAIN

Nursery

Their own nurseries - Kegalle Plantations are their fountains of nourishment, producing the best clones which yield the world's best quality latex. Best of care provided during the infancy of the clones assures and guarantees the sustainability of quality latex throughout its lifetime.

Plantation

Arpico boasts of owning the biggest rubber plantation in Sri Lanka. Arpico distinguishes itself not only by its size but also by its fully backward integrated vertical operational system which demonstrates expertise at all stages: from plantation to management, research and development, manufacturing to shipping. It's this very expertise which has strengthened Arpico's capability in servicing global customers.

Today Arpico plantation sector produces the highest volume of natural rubber, tea and palm oil in Sri Lanka. Kegalle Plantations PLC being one of the best rubber producing companies, has won many accolades repeatedly as the Best Plantations Company in the country.

Centrifuge Facility

Their plantations are equipped with modern and sophisticated latex centrifuging facilities which produce high quality centrifuged latex and latex crepes.

Quality and Service being Arpico's cornerstones, our strategy to own and operate a centrifuging facility holds testimony to the quality control levels monitored at every critical juncture of its operation. The Company has earned the ISO 9002 for 'quality systems-mode' for quality assurance in production and for service of quality and durability by LGA.

Arpico- Netherlands collaboration of producing and exporting rubber wood furniture is another

an ambitious venture of the Company. In accordance with environmental guidelines, the Company has formulated a five-year forest management plan for the sustainable management of forest plantation blocks and harvestable timber extents.

Production

Pure natural latex which is acquired through a Dunlop method of vulcanization, is free of petroleum-based ingredients, harsh chemicals or pesticides. The Dunlop method of vulcanization is an original direct process of converting rubber tree sap into a solid form. This method involves, first whipping the latex liquid with air to make foam, then pouring the latex liquid into a mold and heating it till it vulcanizes.

Natural Latex produced through a Dunlop method of vulcanization uses the following ingredients :

- 90-95% of natural rubber

- 2-3 % Zinc Oxide

- 1-2 % fatty acids and soaps

- 1-2 % Sulphur and 1-2% Sodium

The manufacturing process is completed with latex rubber being rinsed several times. This ensures that the final latex rubber product carries zero residues- soap and otherwise.

It is then molded into different shapes, sizes and predetermined degrees of firmness. The durability, flexibility, resilience and hygienic properties of natural rubber make it a multi purpose source.

Quality Standards

Their diversified deep global reach is a testimony to the quality standards maintained by the Company. Today their 100% Natural Latex products have secured the best test results in the industry from globally accepted testing bodies such as ECO Institute, LGA Quality Test Germany, Oeko-Tex Switzerland, ABC, STROKE- USA, SATRA UK and GOLS-Netherlands.

They use the finest raw materials sourced directly from their own plantations.

They use authentic natural rubber (100% polymer). The production is free of petroleum chemical, synthetic fillers, ash or chalk.

Adhere to international standards approved by international independent institutions to ensure customer confidence and high quality.

Ensure a consistent supply of superior quality centrifuged latex.

They deploy state-of-the-art machinery in manufacturing of products.

Our advanced online quality control system monitors the process at all stages up to product delivery.

All products conform to the following:



Oeko-Tex 100 Class 1 :

This is a testing standard recognized for 'children- safe' material.

The detailed analysis of the content confirms that Arpico 100% Natural latex material conforms to the following :



LGA :

This test evaluates the durability and the resilience characteristics of natural latex. Their rubber has received 99/100 in this test.



SATRA :

Their 100% natural flame retardant products comply with SATRA requirements.



ABC Research Corporation :

This test which is conducted in ABC labs, USA, evaluates the antibacterial efficacy of natural latex.



Twin City Testing Corporation/Stork :
Conducted by the Twin City Corporation, USA, this test evaluates the body interface pressure for latex products.



ECO :
Conducted by the ECO Institute, Germany, this test evaluates the fillers, synthetic rubber and hazardous components and emissions in the product. ECO certification confirms that their products are free of fillers, synthetic rubber or hazardous particles, thus being certified as 100 % natural.



ECO :
Richard Pieris Natural Foam's latex blocks have been tested for its components with ECO certification over the last many years. Their products have no SBR and additional filler content and have passed with much higher ratings at the test.



ISPA :
They have been a member of the International Sleep Products Association, USA since 1989.



ISPA :
They have been a member of Speciality Sleep Association, USA

