

# NATLEX

## SPECIALITY MATERIALS



Natural latex is used extensively in many applications and products, either alone or in combination with other materials. In most of its useful forms, it has a large stretch ratio, excellent elasticity and tensile strength, and is extremely waterproof.

NATLEX is sourced from natural latex, a milky white liquid that is collected by cutting thin strips in the bark of the *Hevea Brasiliensis* rubber tree.



## OVERVIEW

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### How does it **work**?

Natural latex is placed into a centrifuge, stabilizers are added, and the latex is mixed to increase the rubber content. The latex is then custom

compounded with the addition of other water-based raw materials to achieve the desired performance characteristics of the final end product, NATLEX.

### Main **features**

- Formulated for a wide variety of market applications and processing methods.
- Optimized for applications including adhesives, dipping compounds, slush casting, mold making, sealants, binders and coatings.
- Used to produce flexible and durable end materials/products.
- Can be custom formulated as pre-vulcanized compounds.
- Works well in low temperatures.
- Resistance to wear and tear, and can provide flame retardancy.
- Offers great tensile strength and elongation properties.
- Formulated with Low Volatile Organic Compounds (VOC).
- Yields excellent surface reproductions and fine detail.
- Applied by spray, brush, or automated coating lines.
- Processing aids and specialty additives are available.

## TYPICAL APPLICATIONS

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### Consumer goods & Appliances

- Medical supplies
- Recreational
- Toys
- Hand protection

### Commercial & Industrial

- Packaging
- Office supplies
- Furniture
- Adhesives

## COLOR OPTIONS

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### Color reference chart

Get inspired from a broad range of standard colors. Request a RAL fan deck or ask one of our experts.

### Custom formulations

Talk to your coating expert regarding custom formulations to fit your exact needs.

## Compliance

NATLEX can be formulated to be compliant with certain guidelines. Ask our experts to see what different types of compliance, certification, or accreditation is available for your product.

## Care & maintenance

NATLEX is a natural product and when treated with care and the correct products, NATLEX will have a long, and durable life.

Contact our experts for specific tips and advice of cleaning.

## Troubleshooting

We stand by our products, even when things don't go quite as planned. From cleaning and phosphating all the way to the final cured film appearance, we are here to help address your issues with proven solutions.

Contact our experts for tailored support.

## PROVEN PERFORMANCE

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NATLEX can be tested on demand for various properties of latex:

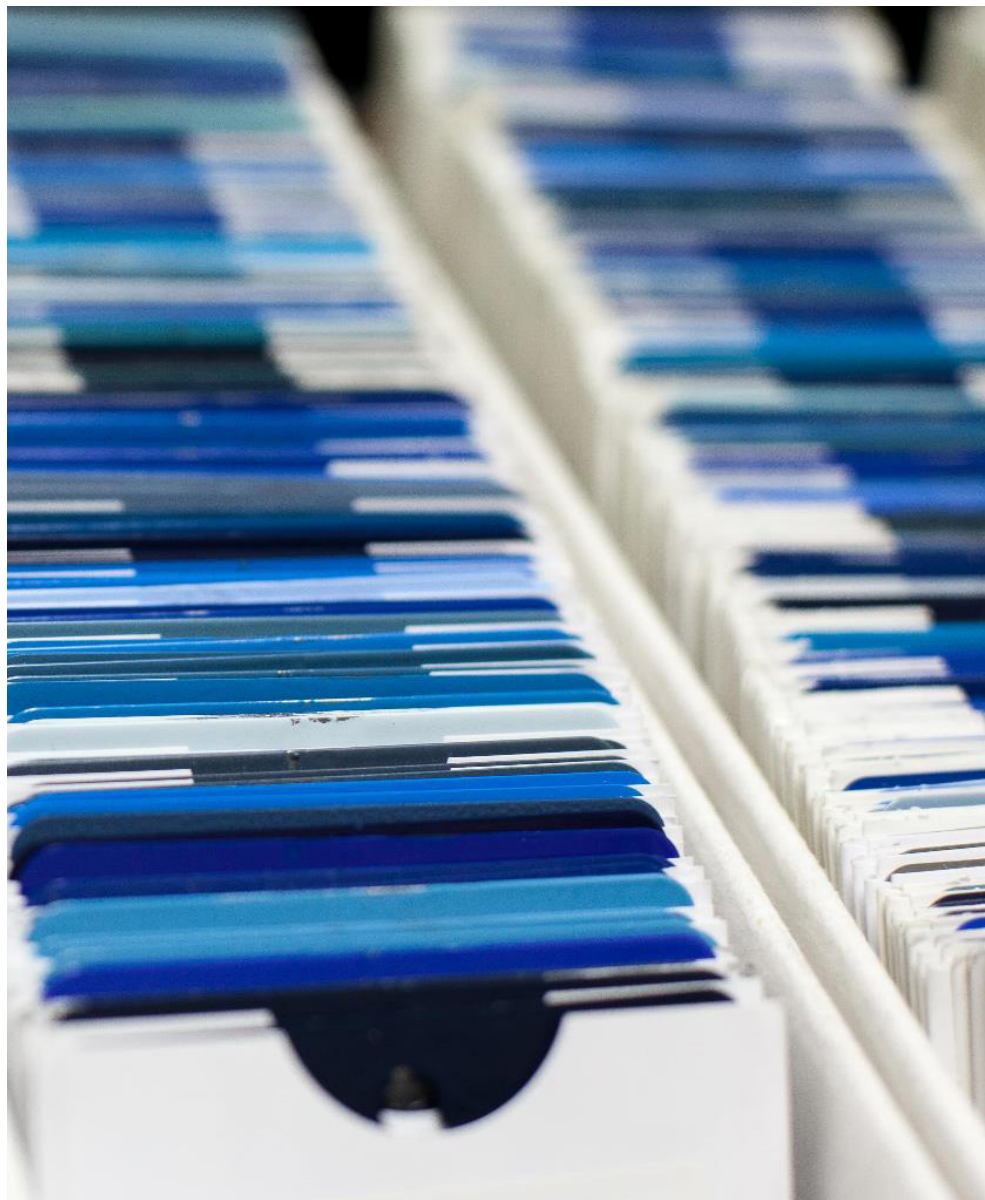
- Tensile
- Tear
- Elongation
- Swollen diameter
- Mechanical stability
- Flame retardancy
- Total solids
- Viscosity
- pH
- Hardness
- Bond strength
- Weight per gallon





## FORMULATING THE RIGHT MIX

For more than 45 years, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. The Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



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