

# SYNLEX

## SPECIALITY MATERIALS



Synthetic latex offers an alternative to natural latex, with numerous varieties available. These polymers were developed to provide performance characteristics not achieved with natural latex. Synthetic latex can be produced on a large scale, with advancements continually being made in process efficiency and technology.

SYNLEX are synthetic latex compounds produced to achieve specific high performance properties. Some of the primary synthetic polymers used include polychloroprene, nitrile, acrylic, SBR, and polyvinyl acetate.



OVERVIEW

How does it **work?**

SYNLEX is formulated from various polymers that are man-made. They are typically developed to meet unique properties not achieved with natural latex.

Properties include resistance to oil and chemicals, UV, heat, and abrasion. The end result is SYNLEX.

Main **features**

- Formulated for a wide variety of market applications and processing methods.
- Optimized for applications including adhesives, dipping compounds, sealants, binders and coatings.
- Can be used to produce flexible and durable end products.
- Offers outstanding physical toughness and a wide processing temperature range.
- Chemical, heat, UV, flame and abrasion resistance.



TYPICAL APPLICATIONS

Consumer goods  
& Appliances

- Boots & footwear
- Medical products
- Recreational
- Hand protection

Commercial  
& Industrial

- Tools & hardware
- Medical supplies
- Automotive
- Adhesives
- Packaging

COLOR OPTIONS

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

SYNLEX 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

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

Contact our technical experts for specific tips and advice.

## Troubleshooting

We stand by our products, even when things don't go quite as planned. We are here to help address your issues with proven solutions.

Contact our experts for tailored support.

## PROVEN PERFORMANCE

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SYNLEX can be tested on demand for various properties:

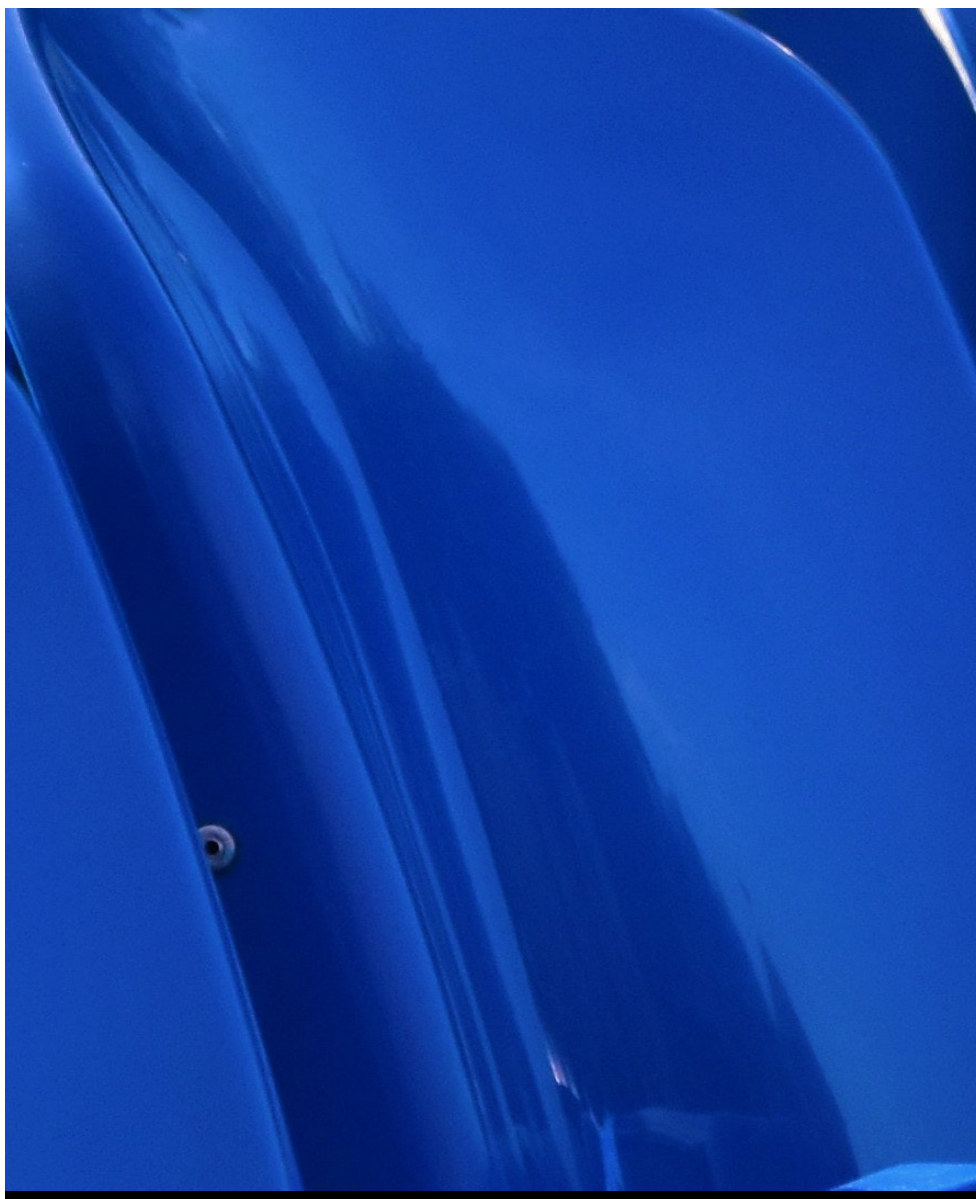
- |                        |                     |
|------------------------|---------------------|
| – Tensile              | – Total Solids      |
| – Tear                 | – Viscosity         |
| – Elongation           | – pH                |
| – Swollen Diameter     | – Hardness          |
| – Mechanical Stability | – Bond Strength     |
| – Flame Retardancy     | – 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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