

# COATING SOLUTIONS FOR TEXTILES

## Water-Based Multi-Functional Coating Technology

Lubrizon delivers innovative coating solutions for diverse textile applications, such as apparel, protective textiles, transportation fabrics, home furnishings, window treatments, soft-sided luggage and a range of other technical textile applications for woven, non-woven and knit fabrics. Our portfolio of water-based, multi-functional coatings improves a broad range of functional and aesthetic properties, including flame retardance, abrasion and wash durability, water repellence, chemical resistance, thermal regulation and stretch resistance, while balancing required look and feel characteristics, such as hand, drape and noise dampening.

## Environmentally Conscious Solutions

Formaldehyde-, antimony- and halogen-free, low-VOC, recyclable and re-extrudable technology—Lubrizon's extensive portfolio of resins, polymers, surface modifiers, hyperdispersants and custom-formulated solutions includes an excellent choice of environmentally conscious options.

## Custom Tailored Solutions

Contrary to a "one size fits all" approach when making product recommendations, our application experts are well skilled in putting together custom solutions that meet a customer's unique requirements and the equipment available in their preferred supply chains. Our market-specific knowledge of what works best for a specific end use is further reinforced by the extensive testing conducted at Lubrizon, using the same methodology as our customers as well as developing new test methods to ensure fitness for use.

## Customer-Driven Research & Development

Lubrizon research scientists use statistical modeling and access to thousands of monomer combinations to enable continuous innovation. If the right solution for a given market application cannot be drawn from Lubrizon's existing selection of product offerings, our R&D team stands ready to modify existing technology or develop new formulations or ingredients to best meet customer requirements.

## WHAT WE ADD MAKES THE DIFFERENCE.™

THE TRUSTED CHOICE FOR MULTI-FUNCTION, HIGH-PERFORMANCE COATINGS

- ENVIRONMENTALLY CONSCIOUS, WATER-BASED SOLUTIONS
- CUSTOM TAILORED SOLUTIONS FOR UNIQUE TEXTILE NEEDS
- MARKET DRIVEN TECHNOLOGY INNOVATION
- WORLD LEADING TECHNOLOGY FOR WOVENS, KNITS AND NONWOVENS
- APPLICATIONS EXPERTISE WITH KNIFE-COATING, PRECISION SPRAY, ROTARY SCREEN, GRAVURE, PAD AND FUNCTIONAL DIGITAL PRINTING

## TECHNICAL CAPABILITIES

- WATER-BASED CHEMISTRY
- FORMULATED SOLUTIONS
- POLYMER SYNTHESIS
- COATING APPLICATION EXPERTISE
- TESTING FOR PROOF OF END-USE PERFORMANCE

## COATING PRODUCT FEATURES

- FLAME RETARDANCY
- BREATHABILITY/COOLING
- WATER-REPELLENCE
- ABRASION AND WASH DURABILITY
- CHEMICAL RESISTANCE
- STRETCH RESISTANCE
- CLEAR, NON-YELLOWING
- SHINY, MATTE, NON-PILLING APPEARANCE OPTIONS
- HAND, DRAPE, NOISE DAMPENING



GLOBALLY NETWORKED TEXTILE COATING LABS

 Cleveland, USA

 Charlotte, USA

 Manchester, UK

 Shanghai, China



### Performance Textile Coatings for Sports and Recreation

Lubrizol offers coatings that enhance the performance of textiles used in sports apparel, footwear and hard goods.



### Performance Textile Coatings for Protective Textiles

Our coatings solutions provide protection for technical textiles.



### Performance Textile Coatings for Transportation

Lubrizol coatings technologies enhance the performance of textiles used in transportation interiors.



### Performance Textile Coatings for Home Furnishings

Lubrizol offers coatings that enhance the performance of textiles used in upholstery.



### Performance Textile Coatings for Window Treatments

Our coatings solutions enhance the performance of textiles used in window blinds.

## Lubrizol Advanced Materials, Inc.

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The Lubrizol logo, featuring the word "Lubrizol" in a bold, italicized sans-serif font with a blue underline.

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