Water-Based Multi-Functional Coating Technology
Lubrizol 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—Lubrizol’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 customers’ 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 Lubrizol, using the same methodology as our customers as well as developing new test methods to ensure fitness for use.

Customer-Driven Research & Development
Lubrizol 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 Lubrizol’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.
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.

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