



VALEX

PRODUCT PORTFOLIO

NATURAL & SYNTHETIC SOLUTIONS
SOURCED FOR THE AMERICAN MARKET

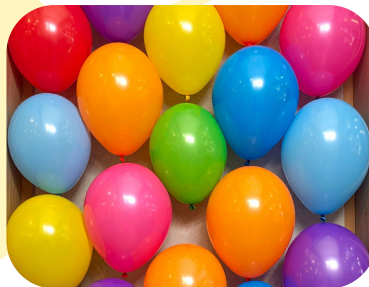


valex
group
.com

A **Women-Owned** Company

A **Trusted Sourcing
Partner**

Serving the rubber industry across the Americas, we bring together high-quality raw materials, technical expertise, reliable sourcing, and a long-term commitment to creating value for both customers and suppliers.



Natural Latex



High Ammonia (HA)

Low Ammonia (LA)

Ultra Low Protein Latex (ULPL)

Pre-vulcanized

We supply high-quality natural latex sourced from leading producing regions. Our products meet international quality standards and support traceability and responsible sourcing practices, including alignment with EUDR requirements.

Synthetic Latex



LVP-106	Vinyl pyridine latex is designed for use in fiber treatment dipping processes, enhancing adhesion between rubber and synthetic fibers.
L-2108	Low-styrene SBR latex blends, specifically formulated to enhance adhesion in rubber-to-fabric bonding applications.
L-2000	Medium-styrene SBR latex, formulated for use in oil-well cementing systems and as a cement modifier to improve durability, flexibility, and overall performance.
NTL-218	Carboxylated SBR latex (XSBR) with medium styrene content. It offers excellent adhesion, strong bonding, and a smooth texture, along with high filler absorption capacity and the ability to form films at room temperature. It provides high elasticity and an excellent balance of tensile strength and elongation.
NTL-260	Carboxylated SBR latex (XSBR) with medium-to-high styrene content. It offers excellent adhesion, mechanical stability, and bonding, with high filler absorption. Provides moderate rigidity, forms a film at room temperature, and shows good water resistance.



Synthetic Latex

NTL-271	Carboxylated SBR latex (XSBR) with high styrene content. Provides high rigidity to the substrate, along with excellent adhesion and mechanical stability.
NTL-380	High-styrene SBR latex blends, used for substrate impregnation in insoles, toe caps, and counters, as well as foam mattress reinforcement, foamed products, and fiber bonding.
NTL-525	NBR latex with medium-low acrylonitrile content, combined with carboxylic groups that promote polymer crosslinking.
NTL-571	NBR latex with medium-high acrylonitrile content, modified with reactive carboxylic groups that promote polymer self-crosslinking. Offers high chemical resistance.
NTL-610	NBR latex with high acrylonitrile content and high resistance to polar solvents.

Synthetic Latex



Introducing Advanced Latex Solutions

Two specialized latex solutions designed for performance-driven applications across industrial and consumer markets.

NTL-70

High-solids SBR latex (~70%) developed for asphalt emulsion modification. Improves elastic recovery, reduces penetration, increases softening point, and enhances adhesion between binder and mineral aggregates. Supports compliance with technical standards and delivers more durable, high-performance asphalt systems.

Nitrigum-25 L

Aqueous SBR latex (~24% styrene) developed for chewing gum base formulations. Provides stable emulsion behavior, reliable processing performance, and compliance with FDA regulations for food-contact applications.

Aqueous dispersions

AQUANOX® – Antioxidants

Aqueous dispersions or emulsions used in suspension or emulsion polymerization processes, acting as chain terminators in PVC production. Protect polymers from heat, oxidation, and yellowing in natural and synthetic rubbers.

AQUALINK® – Crosslinking agents

Water-based crosslinking agents based on aliphatic or aromatic polyisocyanates partially blocked with amines. Designed for use with polyurethane dispersions (PUDs) in one-component (1K) adhesive systems. Commonly used in 3D lamination of decorative furniture films, heat-activated tapes, and footwear adhesives.

Vulcanization agents and accelerators

Dispersion of sulfur, zinc oxide, and accelerators. Optimizes curing and reduces nitrosamine formation in natural latex.

Latex stabilizers

Formulated with casein and alkaline potassium or ammonium salts, designed to maintain latex stability, uniformity, and performance during processing and storage.

AQUAREZ® Biopolymers

Designed to promote a cleaner environment and a more sustainable future. By choosing AQUAREZ® BIO biopolymer solutions for paper and food packaging, customers help reduce plastic waste and improve sustainability across the value chain—from brands to retailers and end consumers.

AQUAREZ® (Polymer dispersions and emulsions)

Polymer dispersions and emulsions used in construction, as well as in packaging, adhesives, industrial coatings, ink manufacturing, and glass and textile applications.

Natural Rubber

TSR-10

TSR-20

SKIM

TSR CV 60

TSR 3L

DPNR

Sourced from Latin America, Asia, and Africa through a trusted partner network, ensuring consistent quality, reliable supply, and compliance with international standards.



AVANZARE ADDITIVES

High-performance additives for the rubber industry, developed to deliver unique properties and enhance the performance of the final product.

avanTHERMAL CONDUCTIVE 440

Thermally conductive additive

Additive based on graphite nanoplatelets, specifically designed to impart thermal conductivity to a wide range of materials and coatings. Its unique structure enables easy integration into most matrices. The resulting compound can improve thermal conductivity by 10 to 20 times compared to the base material.

avanGRP CONDUCTIVE

Thermally conductive additive.

The use of graphene in producing high-electrical-conductivity composites is one of the most advanced application areas today. Avanzare has developed a range of modified graphene products tailored to each final application. The dosage required to achieve optimal conductivity depends on the dispersion method and the polymer used, both of which can significantly influence the final properties. Increasing the loading level results in higher conductivity of the material.

avanFIRE GR-8

Flame retardant

Combination of graphene-based materials that show exceptional synergy with flame retardant additives containing polyphosphates and hydroxides. Enhances fire resistance by forming a protective char layer, effectively limiting fuel and oxygen supply to the flame, reducing dripping, and dissipating heat.



Antistatic additives



avanSTATIC (Antistatic for rubber)

Antistatic additives increase the electrical conductivity of rubber, allowing static charge to dissipate more easily through the material. This helps maintain electrical stability and safety across a wide range of industrial rubber applications.

avanDISS (Permanent antistatic for thermoplastics)

Based on inherently conductive polymers, the avanDISS range provides a permanent and colorable solution to reduce surface resistivity in thermoplastic materials. Its ability to maintain optimal electrical conductivity makes it essential for ensuring the integrity and performance of a wide range of thermoplastic products.

avanSTATIC (Semi-permanent antistatic for thermoplastics)

Antistatic additives increase the electrical conductivity of thermoplastics, allowing static charge to dissipate more easily through the material. They are semi-permanent, offering longer-lasting performance than conventional antistatic additives and extending the service life of the final product. They are colorable and used in a wide range of industrial and consumer applications to prevent dust attraction, unwanted electrostatic discharge, and ignition risks in flammable environments.

Functional additives

avanZNO BAC (Antimicrobial to control and eliminate microorganisms)	A powerful antimicrobial agent specifically formulated for incorporation into plastic, rubber, and resin matrices. Designed to eliminate bacteria and fungi, offering broad-spectrum protection against microbial growth.
avanSTOP BLOOMING 64 (Anti-migration additives for rubber)	Reduces or prevents blooming after vulcanization. This surface-modified natural clay provides high retention of polar molecules, minimizing blooming on vulcanized rubber surfaces.
avanNATUR ODORLESS (Odor control)	Reduces or eliminates unpleasant odors in recycled thermoplastics. Suitable for use in EVA, EPDM, SBR (styrene-butadiene), NBR (acrylonitrile-butadiene), and peroxide-cured polymers.
avanSAFE DETECTOR MB TPU (Magnetic and X-ray detection)	Stainless steel alloy designed to provide detectability in plastics, rubber, and other polymers using metal, magnetic, or X-ray detection systems. Enables easy identification of containers, profiles, and components in food and beverage processing lines, helping prevent contamination and supporting recycling processes.
avanSURFACE 14 (Abrasion resistance enhancement)	Improves abrasion resistance and prevents burr formation in EVA and EVA/rubber blends. Primarily developed for use in EVA foam sheets and injected EVA foam.
avanTIPOLISH (Abrasion resistance)	Powerful anti-abrasion agent for TPU. Particularly effective in TPUs below Shore A-85, where high-speed milling and machining can cause wear issues. Enables higher processing speeds and reduces production time.
avanMFI PLUS 2 PO (Flow modifier)	Masterbatch designed to increase melt flow index in polyolefins. Primarily developed for High-Density Polyethylene (HDPE), especially for recycling applications. Also effective in other polyolefins such as polypropylene and polyolefin copolymers under a wide range of processing conditions.

Functional additives



Specialized chemical tracers

Custom additive solutions based on organometallic compounds for material identification and differentiation, helping prevent fraudulent or illegitimate claims.

UV stabilizers

Wide range of additives that provide protection across different materials, enhancing resistance to light exposure.



Pre-dispersed additives

NASIKA

Rubber accelerators

Anti-Scorching Agents

Sulfur donors

Metal oxides

These products offer low viscosity and a high level of filtration, ensuring excellent quality and performance in formulations

AKIMIX

Rubber accelerators

Metal oxides

Characterized by low viscosity, excellent dispersion, and compatibility with various rubber matrices, these products are supported by an optimized filtration process.

Pre-dispersed additives



AKISAN

Rubber accelerators

Anti-Scorching Agents

Sulfur donors

Metal oxides

Other additives

This line includes accelerators and secondary additives designed for **rubber and plastic** applications, available in powder and pre-dispersed forms for easier handling and improved dispersion

NASIKA DB

Co-Agents

This product consists of families of co-agents that enhance crosslinking in peroxide vulcanization systems.

Liquid polybutadiene

A liquid polybutadiene that acts as an active plasticizer and co-agent in the vulcanization of SBR, natural rubber, and EPDM.

Coupling agents

Granulated additives that enhance the interaction between fillers and rubber, strengthening the covalent bond network in sulfur-based systems.

Anti-tack

Aqueous dispersions of metallic stearates with release and anti-tack properties, ideal for batch-off processes and shaping or storage stages.

Pre-dispersed additives



NASIKA DB

Desiccants

An additive used in rubber and ebonite to reduce moisture absorption under adverse environmental conditions.

Processing aids

Dispersants that improve the distribution and compatibility of additives in rubber.

NASIKA L.E.

Pre-dispersed in recycled polymers and natural plasticizers — including accelerators, metal oxides, antioxidants, sulfur donors, and anti-scorch agents — optimizing performance and sustainability in processing.



Mixing and release solutions

Release agents

LD-DS
LD-VMA
LD-EST
LD-DIN

Water-soluble organic agents that prevent adhesion between rubber compounds during processing. Available in different formulations depending on production conditions.

Mixing and release solutions



Internal lubricants

DALUB IDS-277
DALUB IDS-122
DALUB RDS-235

Products designed to facilitate tire release during the vulcanization process, preventing adhesion to the bladder. Water-based, with or without fillers. Applied per tire or as semi-permanent systems, depending on tire and bladder characteristics.

Anti-stick lubricant

DALUB RDS -402
DALUB RDS-407

Water-based, plant-derived lubricant that prevents rubber compound adhesion on gates and hot zones of the Banbury or mixing mill, facilitating discharge and equipment cleaning.

Liquid and paste release/lubricant for tire mounting and demounting

RDS-482
RDS-482 C

A blend of vegetable-based stearates used for lubrication of rims, beads, and flanges during tire mounting, as well as in force variation analyzers and balancing equipment for tire inspection.

Lubricant / Release agent

DALUB RDS-425

Water-based, plant-derived product, free of silicones and solvents. Prevents rubber adhesion on extrusion heads and dies, with fast drying, easy application, and high stability for various industrial processes.

Lubricating paste for building drums and conveyor belts

LD-ASM

Stearic paste used in green tire building and for lubrication of conveyor belts.



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