

Environmentally Friendly Water-Based Belt Mold Release Agent Lubekote 9508 for Rubber Conveyor Belts

Our Product Introduction

Basic Information

- Place of Origin: Shanghai, China
- Brand Name: Lubekote
- Certification: ISO 9001:2015
- Model Number: 9508
- Minimum Order Quantity: 20 kg
- Price: USD 7-13 / kg
- Packaging Details: 25L/barrel, 200L/drum, or customized packaging available
- Delivery Time: 7-15 working days
- Payment Terms: T/T
- Supply Ability: 5000 kg per month



Product Specification

- Application: Rubber Conveyor Belts, Transmission Belts, Timing Belts, V-belts
- Dispersing Medium: Water-based
- Coating Type: Semi-permanent
- Appearance: White Emulsion
- Odor: Slight
- Belt Types: Conveyor Belts, Transmission Belts, V-belts, Timing Belts, Flat Belts
- Rubber Compatibility: NR, SBR, NBR, CR, EPDM
- Dilution Ratio: Ready To Use Or Dilute Per Process Requirements
- Surface Finish: Clean, Non-marking
- Durability: Effective Multi-cycle Release
- Shelf Life: 12 Months In Sealed Container At 5-35°C
- Highlight: **belt mold release agent, water-based conveyor release,**

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Product Description

Environmentally Friendly Water-Based Belt Mold Release Agent Lubekote 9508 for Rubber Conveyor Belts

Lubekote 9508 is a specialized water-based semi-permanent mold release agent developed for the rubber belt manufacturing industry. Its advanced polymer formulation addresses the specific requirements of belt molding and curing processes where clean, consistent release is essential for maintaining production efficiency and product quality. Unlike traditional talc or mica powder based release methods that create dust, contamination, and inconsistent results, Lubekote 9508 provides a controlled, uniform release film that ensures reliable demolding across a wide range of belt types including conveyor belts, transmission belts, V-belts, and timing belts. The environmentally friendly water-based formulation supports modern manufacturing facilities in meeting increasingly stringent emissions and workplace safety standards.

The belt manufacturing sector presents unique challenges for mold release technology due to the combination of large mold surface areas, continuous production processes, and the critical importance of surface quality for belt performance characteristics such as friction coefficient, wear resistance, and power transmission efficiency. Lubekote 9508 has been specifically engineered to meet these challenges, delivering effective release properties without compromising the surface characteristics that determine belt functionality. Its clean, non-marking release ensures that molded belts maintain their designed surface properties, eliminating the performance variations and quality issues associated with residual release agent contamination.

Key Features

- **Environmentally Friendly Water-Based Formula:** Free from hazardous organic solvents, silicone oil, and powder-based release compounds, providing a cleaner, safer production environment while meeting regulatory requirements for emissions control and workplace safety.
- **Effective Multi-Cycle Release Performance:** The semi-permanent coating delivers consistent demolding across multiple production cycles, reducing the frequency of mold preparation and reapplication operations that interrupt continuous belt manufacturing workflows.
- **Non-Marking Clean Surface Finish:** Does not leave residues or discoloration on molded belt surfaces, preserving the designed friction characteristics, appearance quality, and functional properties of finished belt products.
- **Broad Belt Type Compatibility:** Proven effectiveness across conveyor belts, transmission belts, V-belts, timing belts, and flat belts manufactured from natural rubber, SBR, NBR, CR, and EPDM compounds.
- **Reduced Mold Fouling:** Minimizes rubber residue accumulation and carbon deposit formation on mold surfaces during extended production runs, reducing cleaning frequency and extending mold service life.
- **Easy Application Methods:** Compatible with spray, brush, and automated application systems commonly used in belt manufacturing facilities, with simple water cleanup that requires no aggressive solvents.
- **Consistent Release Quality:** Maintains uniform release characteristics across large mold surface areas, eliminating localized sticking that can cause belt surface defects, thickness variations, and production scrap.

Technical Specifications

Parameter	Specification
Product Code	Lubekote 9508
Classification	Chemical mold release agent
Dispersing Medium	Deionized water
Appearance	White emulsion
Odor	Slight, non-irritating
pH Value	6.5 - 7.5
Specific Gravity	0.98 - 1.02 g/cm ³
Application Temperature	Ambient to 180°C mold surface
Dilution Ratio	Ready to use or dilute with deionized water per process
Shelf Life	12 months in original sealed container at 5-35°C

Applications

Lubekote 9508 is specifically formulated for the rubber belt manufacturing sector where reliable demolding and clean surface finish are critical production requirements. Primary application areas include heavy-duty rubber conveyor belts for mining and material handling, fabric-reinforced transmission belts for industrial machinery, automotive serpentine and timing belts, industrial V-belts for power transmission systems, and flat rubber belts for packaging and processing equipment. The product performs effectively with all common rubber compounds used in belt manufacturing including natural rubber (NR), styrene-butadiene rubber (SBR), nitrile rubber (NBR), polychloroprene (CR), and ethylene propylene diene monomer (EPDM). It is compatible with both compression molding and continuous vulcanization processes used in modern belt production lines.

Packaging & Quality Assurance

Lubekote 9508 is available in standard 25L/barrel and 200L/drum packaging options, with customized packaging and bulk dispensing solutions available for high-volume belt manufacturing operations. Each production batch undergoes comprehensive quality testing including multi-cycle release evaluation on standard belt rubber compounds, surface quality assessment on molded belt samples, coating durability testing under continuous production simulation, and adhesion and film integrity verification. Our ISO 9001:2015 certified manufacturing processes ensure consistent product quality and performance from batch to batch. Shanghai LoreChem Co., Ltd. provides comprehensive technical support including application method recommendations, process integration assistance, and ongoing performance monitoring to help belt manufacturers achieve optimal production efficiency and product quality.



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