Engineered OuterSeal Skirting

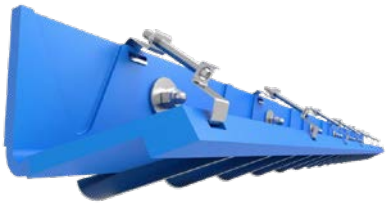


Uncontrolled dust and material spillage can lead to costly maintenance, equipment wear, safety hazards, and environmental issues. Our Engineered OuterSeal Skirting is designed to tackle these challenges head-on.

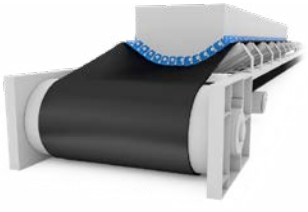
Kinder's comprehensive solutions, including AirScrape®, TailScrape, K-Snap-Loc®, K-Fold-N-Seal, K-Superskirt®, K-Ultra Dual® Seal, and K-Super Block, ensures effective dust control and spillage prevention, protecting both workers and equipment while ensuring operational efficiency.

Engineered for Cleaner, Safer Operations

Our innovative preventative dust and spillage containment solutions have been engineered designed to enhance productivity, extend equipment life, and promote a cleaner, safer work environment.



AirScrape®



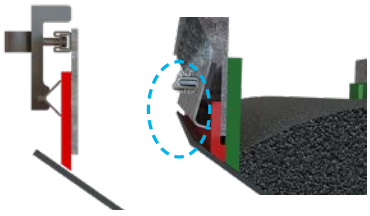
TailScrape



K-Snap-Loc® Dust Seal System



K-Fold-N-Seal Skirting System



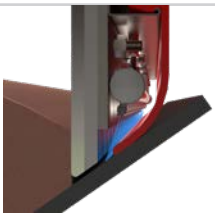
K-Superskirt® Engineered Polyurethane Defender



K-Ultra Dual® Seal



K-Super Block Skirting System



K-Hydra Belt® Shield Skirting System

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Engineered OuterSeal Skirting



AirScrape® is an advanced, contact-free conveyor skirting and sealing system that acts as a side seal suspended over the conveyor belt. Its unique diagonal arrangement of hardened lamellae directs air from the outside into the belt's centre, creating powerful air suction. This movement enhances dust containment and minimises spillage by using air pressure to guide material toward the centre of the belt.

Features and Benefits

- Effective on large particles when used in conjunction with a suitable internal skirt.
- Reduces dust emission and explosion hazards.
- Hardened steel blades minimise skirt wear.
- Eliminates belt-skirt friction, reducing motor power requirements.
- Minimises product loss and maintenance costs.
- Easy installation with existing clamping systems
- Continuous skirting with no gaps
- Promotes health and environmental protection.



TailScrape integrates seamlessly with AirScrape® for exceptional rear sealing, enhancing dust control and reducing material spillage. Its proprietary blade structure creates a negative pressure environment, effectively containing dust and preventing spillage.

Features and Benefits

- Simple installation.
- Minimises dust generation and explosion risks.
- Efficient with both coarse and fine materials.
- Eliminates belt wear due to non-contact design.
- Reduces drive system load.
- Low maintenance and replacement costs.
- Available in heat, flame-resistant, anti-static, and FDA-approved materials.

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Engineered OuterSeal Skirting

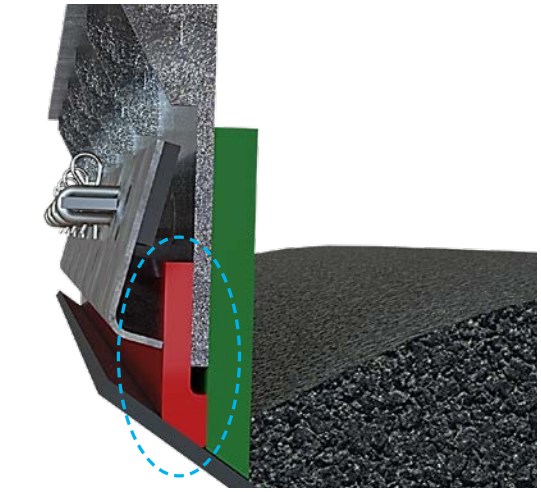


K-Snap-Loc® Dust Seal System is a practical, cost-effective solution for dust control across all conveyor belt speeds. It installs easily into most systems, snapping into place via a Uni-Strut mounting.

Key Features

- Suitable for all belt widths and trough angles.
- Self-adjusting design.
- Provides 8 to 10 times the wear life of rubber.
- 60% lower friction coefficient than rubber.
- Energy efficient.
- Available in high temperature, fire retardant, and anti-static formulas.





K-Superskirt® Engineered Polyurethane lasts 8 to 10 times longer than traditional rubber skirting products, effectively sealing conveyor transfer points in diverse environments.

Since its introduction over a decade ago, K-Superskirt® Engineered Polyurethane has revolutionised materials handling operations, providing superior belt protection, and effectively containing spillage and dust.

Independent laboratory tests have shown it outlasts similar polyurethane skirting products by at least four times, thanks to its superior abrasion resistance.

Its high tensile strength and low friction properties ensures effective containment of material loads while reducing dust leakage and preventing material spillage.

Key Benefits:

- Effectively contains spillage and reduces dust leakage.
- Offers up to 10 times better wear life than rubber.
- High tensile strength.
- Low friction, belt-friendly properties.
- High abrasion resistance.
- Suitable for all environments.

K-Superskirt® Engineered Polyurethane Defender goes one step further with an enhanced design featuring a thicker bottom base specifically engineered to prevent material build-up from settling and sticking, thereby minimising the formation of skirt grooves, a leading contributor of belt damage.

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Engineered OuterSeal Skirting



K-Fold-N-Seal Polyurethane Skirting contains material and dust simultaneously. It retrofits onto most existing skirting clamps and combines a primary seal for material containment with a secondary seal for dust control.

Key Features

- Suitable for all belt widths and trough angles.
- 8 to 10 times the wear life of rubber.
- 60% less friction than rubber.
- Energy efficient.
- Retrofits to existing clamping systems.
- Available in fire retardant, fire resistant, and anti-static formulas.



K-Ultra Dual® Seal ensures proper sealing with minimal maintenance. Available in Standard and Exceed versions, it combines a wear-resistant polyurethane inner layer with an anti-dust outer layer for effective sealing.

Key Benefits

- Reduces dust leakage.
- Wear-resistant and long-lasting.
- Low contact pressure.
- Easy to install and adaptable to existing systems.



K-Super Block is a heavy-duty system for side skirting and rear seal material containment. Made from high-performance polyurethane, it offers robust, field-tested durability and easy individual block replacement.

Key Benefits

- Suitable for all belt widths and profiles.
- Available in fire-resistant, fire retardant anti-static formulas.
- Individual blocks can be replaced without affecting adjacent blocks.
- 8 to 10 times the wear life of rubber skirting.
- Nonporous, preventing fines accumulation and belt damage.

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Engineered OuterSeal Skirting



K-Hydra Belt® Shield Skirting System is proprietary designed and engineered to minimise skirt grooves on conveyor belts, preventing damage and reducing downtime. The system effectively cleans and prevents abrasive clumps, ensuring longer conveyor belt life and improved efficiency.

Water Spray Bars - Key Features

- Customisable and pressure-tested for specific applications.
- Modular design with threaded ends for easy extension.
- SS316 hardware for height and spray angle adjustments.
- Changeable Nozzles can be adapted to various water supply and cleaning needs.
- Flow / pressure management optional circuits for automated, timed spray bar operation are available.

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