

MATERIAL HANDLING & CONVEYANCE

AI Slide™
Fluidizing Fabrics

FLUIDIZATION FABRIC

A SMOOTH MOVE FOR FINE BULK POWDER TRANSPORT

AI Slide™ Fluidizing Fabric offers **even and consistent airflow** for easy transport and handling of fine powders in Air Slide conveyor systems.

KEY BENEFITS



CONVEY HIGH-TEMPERATURE MATERIALS

Our Kevlar®/PE layered fabrics are available for conveying heat particulate, such as fly ash.



EASY TO INSTALL

Does not require stretching during installation.



NO AIR LEAKS AT THE JOINTS

AI Slide's™ smooth surface allows the caulking to seal better, ensuring no air leaks and improved flow.



NO CLOGGING

Tiny pore openings (0.5 to 1.5 CFM) prevent powder infiltration.

FEATURES

- Combine both woven and nonwoven layers.
- The Fluidization Fabric structure provides optimal reinforcement.
- The dense nonwoven design help prevent infiltration of the powders into the air slide fabric.
- The ultra-smooth surface of AI Slide™ Fluidizing Fabrics offers a much lower degree of friction than woven fabrics.
- Superior abrasion characteristics

make AI Slide™ ideal for sea or rail transport.

- AI Slide™ will not stretch once installed.
- AI Slide will not allow the particulate to infiltrate.
- The Smooth surface of AI Slide allow the caulking to seal better, ensuring no air leaks.
- AI Slide™ provides optimum permeability.



OPTIONS

- Kevlar®/ Polyester
- No Calendering Kevlar®
- Polyester_AI Slide

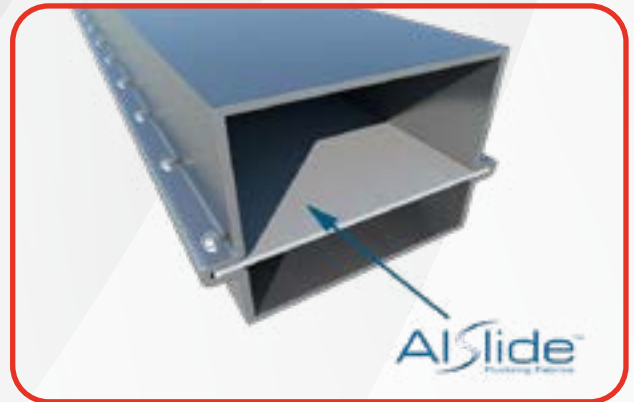
APPLICATIONS

- Gravity Conveyors
- Pneumatic Air Conveyors
- Rail & Tanker Loading
- Silo Aeration



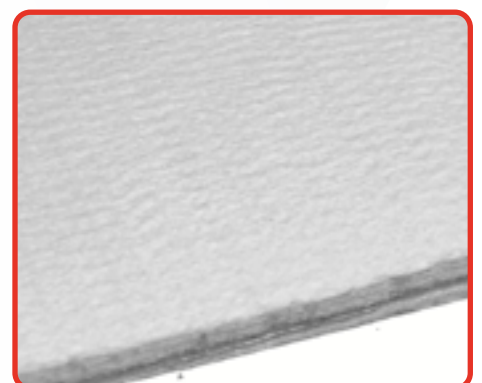
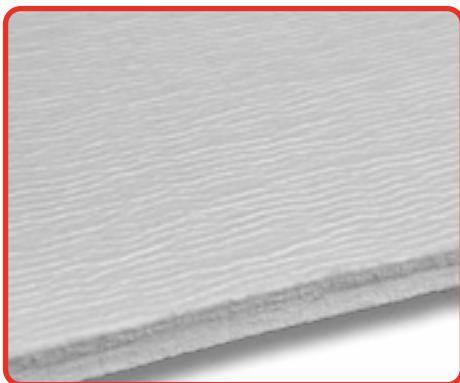
DESIGN SPECIFICATIONS

AlSlide was specifically designed to provide uniform and consistent fluidization of conveyed dry powders. With extremely small and even pore openings, AlSlide will not allow the particulate to infiltrate the felt surface, resulting in less physical abrasion. Using simple, natural technology (gravity and air), air gravity conveyors are a practical and economical solution to transporting and handling bulk powders.



Contact Albarrie's Technical Sales Expert for all your options

DESIGN GALLERY



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