

FILMEDIA®



AIR SLIDE FABRIC

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01

INTRODUCTION





INTRODUCTION



FILMEDIA Air Slide Fabrics are used in a variety of industries and applications.

It is in every process where bulk materials must be fluidized or conveyed.

Thickness: 4mm-10mm,

Width: can be customized.

Material: polyester, aramid, basalt

Heat resistance: 160 °C ~ 800 °C.

Our capacity: 500m²/ month.

Advantages

- High quality raw material in weaving process
- High tension weaving
- Robust & stable weave
- High weight per M²
- Good resistance to abrasion
- Smooth surface and uniform air permeability

02

MATERIAL

FILAMENT
POLYESTER



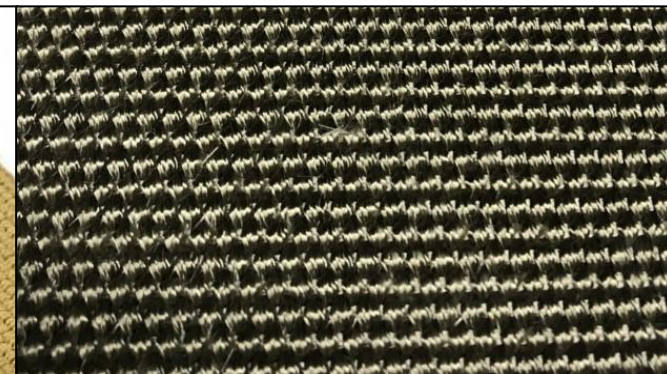
SPUN
POLYESTER



ARAMID/KEVLAR



BASALT



MATERIAL

Filament Polyester

Max Width: 2.6 m.

Thickness: 4~10 mm.

Heat-resistant:

160°C-200°C

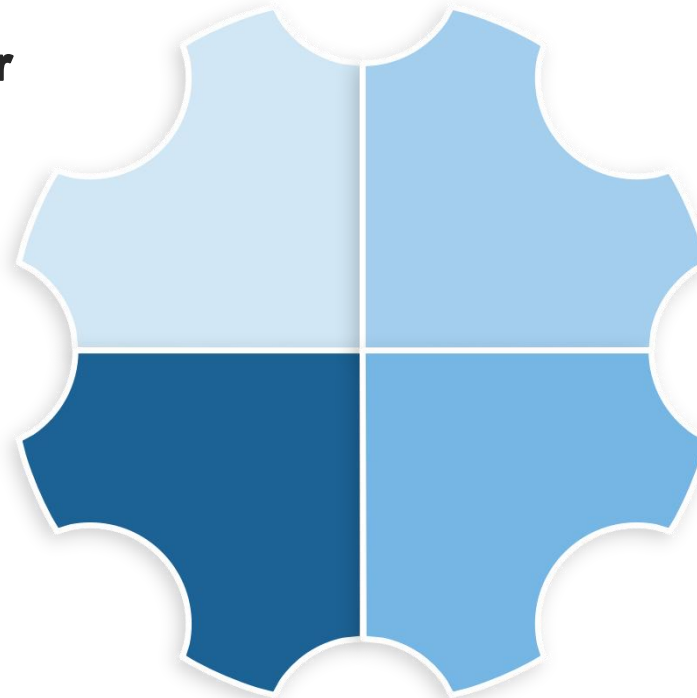
Aramid/ Kevlar

Max Width: 2.6 m.

Thickness: 4~10 mm.

Heat-resistant:

260°C-280°C



Spun Polyester

Max Width: 2.6 m.

Thickness: 4~10 mm.

Heat-resistant:

160°C-200°C

Basalt

Max Width: 2.6 m.

Thickness: 4~10 mm.

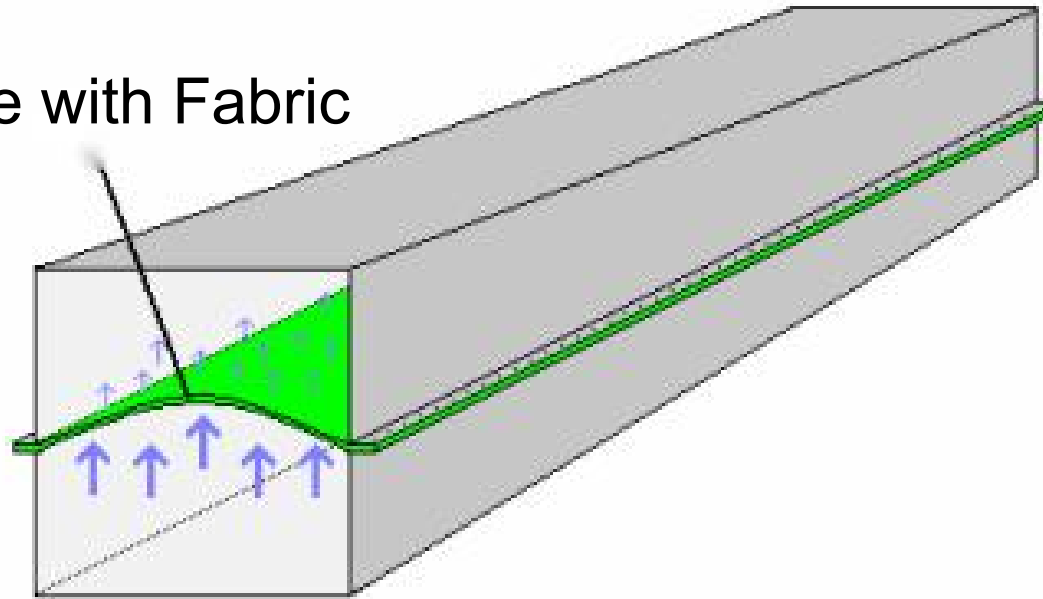
Heat-resistant:

300°C-800°C

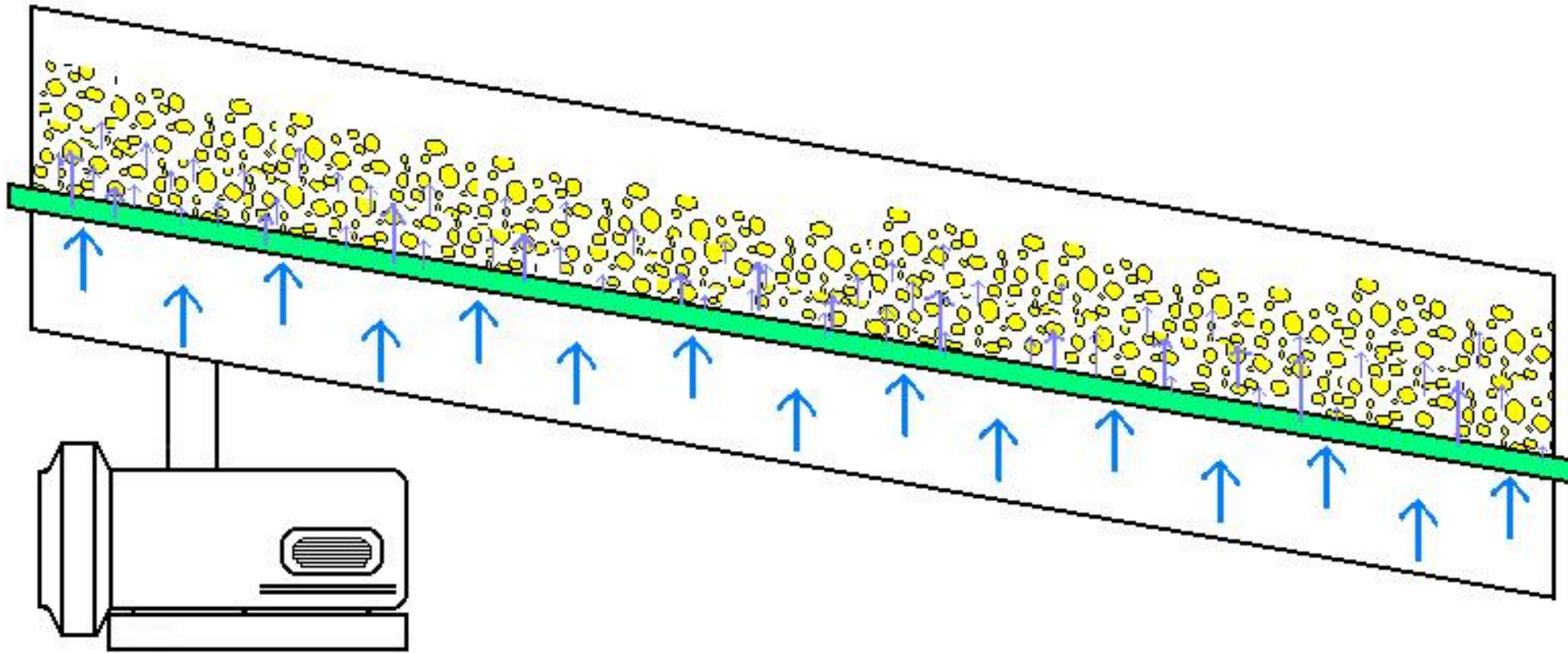
03

HOW DOES IT USE?

Airslide with Fabric

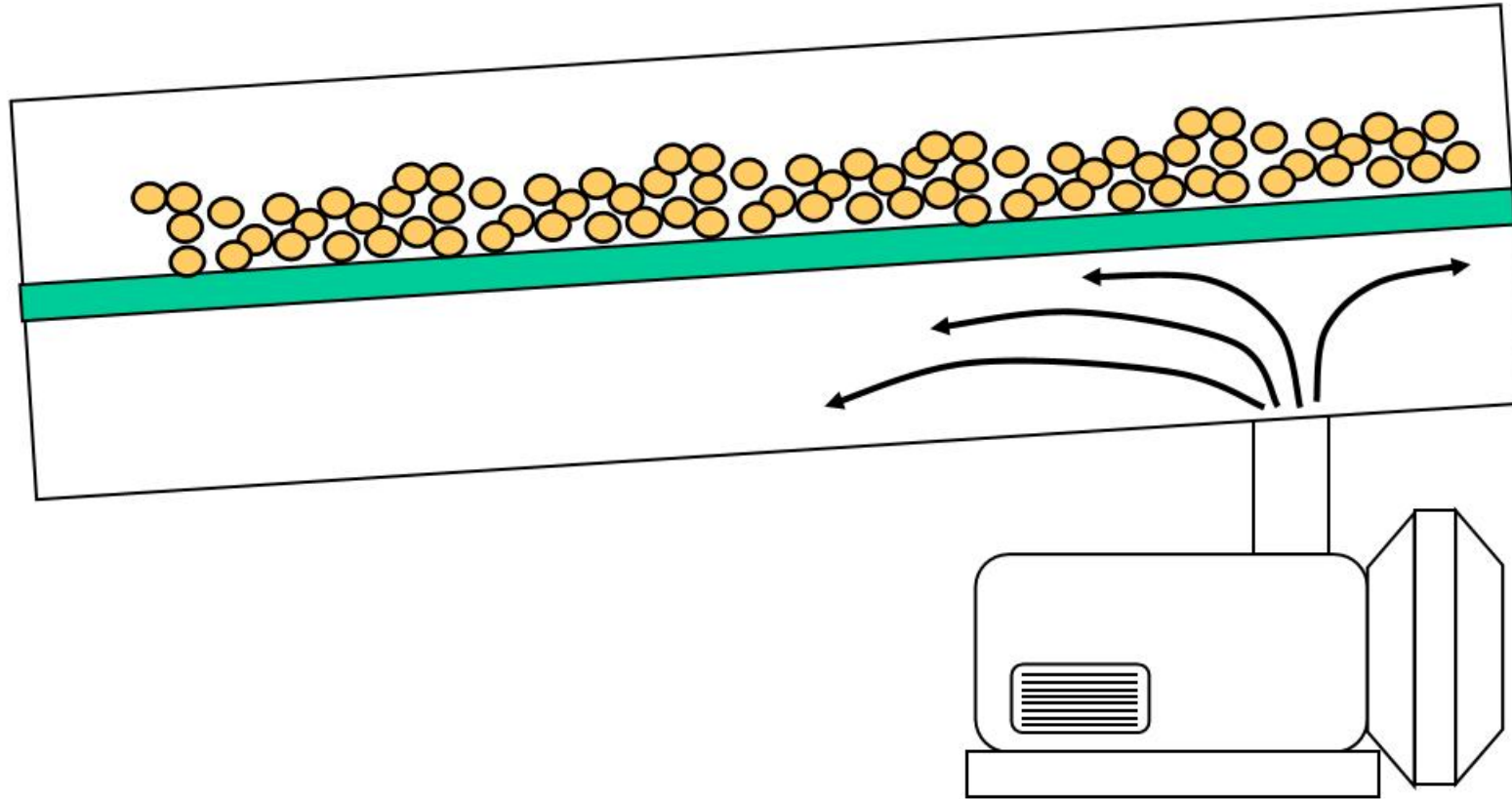


HOW DOES IT USE?



Pneumatic Transport System

HOW DOES IT USE?



- Compressed air to overcome the opposition of the air slide fabric.
- Increased pressure level.
- The compressed air reaches a suitable level to start the fluidization.
- Only after reach a constant pressure on the whole surface, the compressed air will penetrate through the fabric and enter the cement.
- The cement becomes fluid and move to the discharging point.

04

APPLICATION



APPLICATION

Air Slide Fabric are used in different industries.

Cement, furnace dust,
gypsum, limestone,
finely ground quartz,
calcium hydroxide,
lead monoxide, burnt lime,
acid crystals, pure clay,
phosphates, magnesite
concentrate, finely ground
fluorid, production of
aluminum

Filtered dust
Flue ash,
discharging flue ash
Coal dust

Building &
Construction

Power
Stations

Chemical
Industry

Food stuff/
Feed

Surface
Coating

Fertilizer
Rubber compounds,
sinter dust, catalysts
Sodium sulfact
Wash power

Flour products, semolina
Feed

Synthetic granulates,
powder coating

APPLICATION

Air Slide Fabric are used in various kinds of machinery.

Silos/
Tanks

Discharging systems
Warehouse units
Mixing equipment
Homogenizing systems

Chute
Bottoms

Conveyor systems
Ventilation systems
Aeration systems

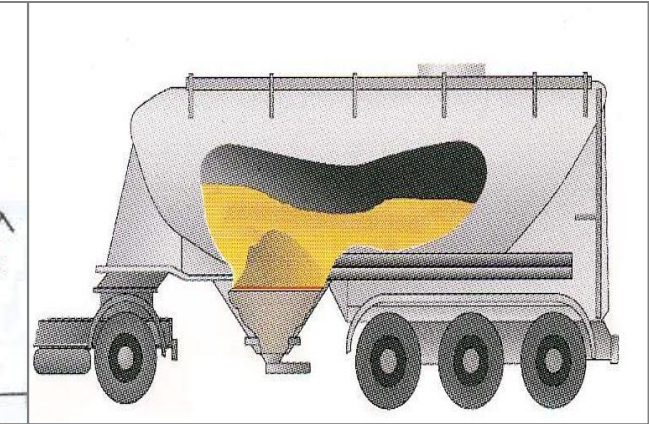
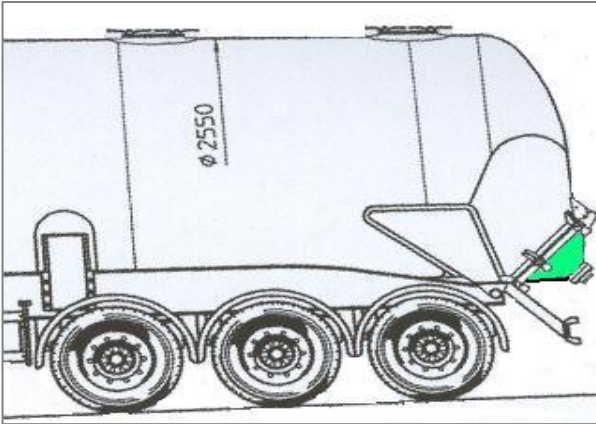
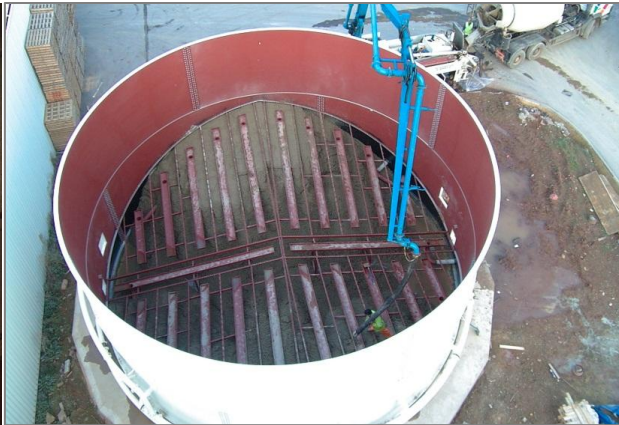
Vehicles

Silo truck discharging cones
railway wagon discharging cones
vessel aeration & discharging bottoms
container aeration & discharging bottoms

Powder
Coating
Machinery

bottoms for sinter basin

APPLICATION

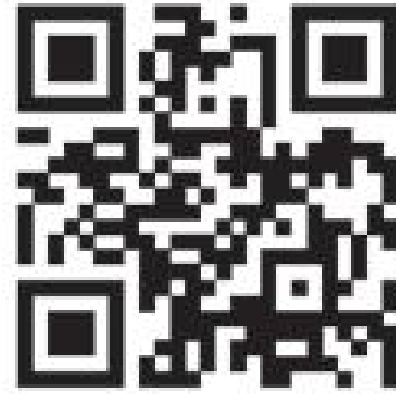


Cement

Silo

Tanker

Discharging system



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