



FICHE TECHNIQUE AIRPORT \ CONVEYOR BELTS

■ CONVEYOR BELTS PROOSED

The conveyor belts are made of a polyester frame with mainly adhesive PVC coatings of different thicknesses depending on the application. (See the four data sheets detailing their characteristics below). They have a lower fabric covering with the feature of reducing noise disturbance.

The conveyor belts are black and antistatic to conform to the standard NF EN ISO 284 and fire-resistant to comply with the standard NF EN ISO 340. As regards inclined conveyor belts, the characteristics of the belts are identical, apart from the total thickness, which is, depending on the application, no more than 7.8 mm with a striated, adhesive upper coating.

The conveyor belts used are resistant to operating temperatures of -10 °C to + 55 °C, with relative humidity between -0 and 100%, and are also resistant to oil and grease.

The conveyor belt joints are made by hot joining only. To obtain optimum guiding behaviour, special attention is paid to obtain identical lateral developments before the hot joining. Stapling is prohibited on all our services for this site.

Thanks to its 24/7 conveyor belt replacement service in all sectors of activity such as airports, logistics and food etc, ALFYMA has the particularity of being able to fit and store a wide range of conveyor belts which are immediately available if needed.

The widths of the conveyor belts in our range are :

- ◆ 0,80 m for loading belts (conveyance, arrival and connection lines);
- ◆ 1,00 m for "individual" transit belts, in standard sections
- ◆ 1,20 m for HF lines.

■ FICHE TECHNIQUE

A10/2S V0V0 NAS 340

Application of the conveyor belt in airports and logistics

CONVEYOR BELT STRUCTURE		TECHNICAL CHARACTERISTICS	
Top coating		Technical data	
Material	Fabric	Total thickness	2.4 mm
Surface	Smooth	Weight	2.85 Kg/m ²
Colour	Grey	Tensile stress (1%)	14 N/mm
Thickness	0.1 mm	∅ Bending coiling	60 mm
Frame		∅ Coiling against bending	60 mm
Number of fabric coating	2	Application	
Bottom coating		Sliding on roller	Yes
Material	fabric	Sliding on slider tread	Yes
Surface	Smooth	Inclined conveying	No
Colour	Grey	Trough	No
Thickness	0.1 mm	Blade	No

VULCANISING SYSTEM (¹)		OTHER CHARACTERISTICS	
Tray	175°C	Temperature	-10°C/+18°C
Top tray	175°C	Flexible frame	No
Pressure	1.2 Bars	Anti-static	Yes
Film	No	Grease-proof	No
Heating time	7 Min	Noise-proof	Yes
Borrow	No	Self-extinguishing	Yes
Single saw tooth	Yes	FDA Food	No
Bouble saw tooth	Yes	Anti-carotene	-
Superimposed	Yes		

(¹) Data calculated for new-generation presses

A10/2S V0V10-LG NAS 340

Application of the conveyor belt in airports and logistics

CONVEYOR BELT STRUCTURE		TECHNICAL CHARACTERISTICS	
Top coating		Technical data	
Material	PVC	Total thickness	3 mm
Surface	Longitudinal striated	Weight	3.2 Kg/m ²
Colour	Black	Tensile stress (1%)	14 N/mm
Thickness	1 mm	∅ Bending coiling	35 mm
Frame		∅ Coiling against bending	50 mm
Number of fabric coatings	2	Application	
Bottom coating		Sliding on roller	Yes
Material	fabric	Sliding on slider tread	Yes
Surface	Smooth	Inclined conveying	Yes
Colour	White	Trough	No
Thickness	0 mm	Blade	No

VULCANISING SYSTEM (1)		OTHER CHARACTERISTICS	
Tray	175°C	Temperature	-10°C/+70°C
Top tray	175°C	flexible frame	No
Pressure	1.2 Bars	Anti-static	Yes
Film	Black PVC	Grease-proof	No
Heating time	7 Min	Noise-proof	Yes
Borrow	Yes	Self-extinguishing	Yes
Single saw tooth	Yes	FDA-food	No
Double saw tooth	Yes	Anti-carotene	-
Superimposed	Yes		

(1) Data calculated for new-generation presses

A10/2S V0V10-M NAS 340

Application of the conveyor belt in airports and logistics

CONVEYOR BELT STRUCTURE		TECHNICAL CHARACTERISTICS	
Top coating		technical data	
Material	PVC	Total thickness	2.1 mm
Surface	Matt	Weight	2.6 Kg/m ²
Colour	Black	Tensile stress (1%)	14 N/mm
Thickness	0.5 mm	∅ Bending coiling	50 mm
Frame		∅ Coiling against bending	60 mm
Number of fabric coating	2	Application	
Bottom coating		Sliding on roller	Yes
Material	Fabric	Sliding on slider tread	Yes
Surface	Smooth	Inclined conveying	No
Colour	White	Trough	No
Thickness	0 mm	Blade	No

VULCANISING SYSTEM (1)		OTHER CHARACTERISTICS	
Tray	175°C	Temperature	-10°C/+70°C
Top tray	175°C	Flexible frame	No
Pressure	1.2 Bars	Anti-static	Yes
Film	Green PVC	Grease-proof	No
Heating time	6 Min	Noise-proof	Yes
Borrow	No	Self-extinguishing	Yes
Single saw tooth	Yes	FDA - Food	No
Double saw tooth	Yes	Anti-carotene	-
Superimposed	Yes		

(1) Data calculated for new-generation presses

A10/2S V0V30-Q NAS 340

Application of the conveyor belt in airports and logistics

CONVEYOR BELT STRUCTURE		TECHNICAL CHARACTERISTICS	
Top coating		Technical data	
Material	PVC	Total thickness	7.5 mm
Surface	Criss-cross	Weight	4.5Kg/m ²
Colour	Black	Tensile stress (1%)	12 N/mm
Thickness	mm	∅ Bending coiling	100 mm
Frame		∅ Coiling against bending	100 mm
Number of fabric coatings	2	Application	
Bottom coating		Sliding on roller	Yes
Material	Fabric	Sliding on slider tread	Yes
Surface	Smooth	Inclined conveying	Yes
Colour	White	Trough	No
Thickness	0 mm	Blade	No

VULCANISING SYSTEM (1)		OTHER CHARACTERISTICS	
Tray	170°C	Temperature	-10°C/+80°C
Top tray	170°C	Flexible frame	No
Pressure	1.2 Bars	Anti-static	Yes
Film	Black PVC	Grease-proof	No
Heating time	8 Min	Noise-proof	Yes
Borrow	Yes	Self-extinguishing	-
Single saw tooth	No	FDA-Food	-
Double saw tooth	No	Anti-carotene	-
Superimposed	Yes		

(1) Data calculated for new-generation presses

■ EVALUATION OF THE TEST RESULTS

A10/2S V0V0 - NAS 340

The results obtained on the conveyor belt model A10/2S V0V0 - NAS 340, tested on two criteria, demonstrate :

■ DURATION OF REMAINING FLAME

No flame for more than 15 seconds after lighting

■ NO REAPPEARANCE OF FLAME

No flame reappears one minute after extinction

This product meets the criteria defined in Chapter 4 of ISO Certification ISO 340, 2013 edition.

NOTE :

These results are valid only if they are obtained according to the prescribed tests and under laboratory conditions.

This method is not suitable if the product is exposed to a larger flame or a higher heat source.

David DA SILVA

Directeur Général

A10/2S V0V10 - LG NAS 340

The results obtained on the conveyor belt model A10/2S V0V10 -LG NAS 340, tested on two criteria, demonstrate :

■ DURATION OF REMAINING FLAME

No flame for more than 15 seconds after lighting

■ NO REAPPEARANCE OF FLAME

No flame reappears one minute after extinction

This product meets the criteria defined in Chapter 4 of ISO Certification ISO 340, 2013 edition.

NOTE :

These results are valid only if they are obtained according to the prescribed tests and under laboratory conditions.

This method is not suitable if the product is exposed to a larger flame or a higher heat source.

David DA SILVA

Directeur Général

A10/2S V0V10 - M NAS 340

The results obtained on the conveyor belt model A10/2S V0V10 - M NAS 340, tested on two criteria, demonstrate :

◆ DURATION OF REMAINING FLAME

No flame for more than 15 seconds after lighting

◆ NO REAPPEARANCE OF FLAME

No flame reappears one minute after extinction

This product meets the criteria defined in Chapter 4 of ISO Certification ISO 340, 2013 edition.

NOTE :

These results are valid only if they are obtained according to the prescribed tests and under laboratory conditions.

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David DA SILVA

Directeur Général

A10/2S V0V30 - Q NAS 340

The results obtained on the conveyor belt model A10/2S V0V30 - Q NAS 340, tested on two criteria, demonstrate :

◆ DURATION OF REMAINING FLAME

No flame for more than 15 seconds after lighting

◆ NO REAPPEARANCE OF FLAME

No flame reappears one minute after extinction

This product meets the criteria defined in Chapter 4 of ISO Certification ISO 340, 2013 edition.

NOTE :

These results are valid only if they are obtained according to the prescribed tests and under laboratory conditions.

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