Technical datasheet

## Flexam EE /1 0+A42 black AS FR

yes

no

Article code: SBFL585018



General information	
Product group	Synthetic Belts
Industry segment	Airports; Logistics
Main product feature	Antistatic, Flame retardant
Indication of use	Slider bed, Rollers, Flat
Belt construction	

Tension layer		polyester, stable		
Number of plies		1		
Top side	material	Flexam, PVC		
	finish	profile, A42 Supergrip wave profile		
	color	black		
Bottom side	material	fabric, polyester		
	finish	bare fabric		
	color	white		
Characteristics				
Food Grade (FG)	no			
Antistatic (AS)	yes	ISO 21178		
High conductive (HC)	no			
Flame-retardant	no			

ASTM D-378

Technical data						
Hardness	ISO 868	top side	35A	Shore		
Thickness	AB method KV.002	total	4.00	mm	0.16	in.
		top cover	3.00	mm	0.12	in.
Weight	AB method KV.004		2.7	kg/m²	0.55	lbs/ft²
Coefficient of friction	bottom against steel	dynamic	0.17			
		static	0.2			
	top against steel	dynamic	> 1.0			
		static	> 1.5			
Operating temperature	continuous	from / to	5 / 80	°C	41 / 176	°F
	short	from / to	5 / 100	°C	41 / 212	°F
Minimum pulley diameter	flexing		40	mm	1.57	in.
	backflexing		50	mm	1.97	in.
Manufacturing width	standard		1700	mm	66.93	in.
	maximum		2080	mm	81.89	in.

## Definition of typical applications

**ATEX** approval

Applications that require correction of mistracking due to pushing, pulling, or other processes performed on the belt.

The Self Tracking Belt does not prevent mistracking: it corrects mistracking. Self Tracking Belts should not be used to solve construction failures.

## Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

Minimum required tension of 3% of the belt length is generally sufficient.

For more information about the design of a belt conveyor, see the Technical Information Sheet for Self Tracking Belts.

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