Technical datasheet

## Flexam EE /1 0+05 black M2 AS FR

## Article code: SBFL585011



General information					
Product group	Synthetic Belts				
Industry segment	Airports; Logistics: Distribution & warehousing				
Main product feature	Antistatic, Flame retardant, Self-alignment, Elastic				
Indication of use	Slider bed, Rollers, Flat				
Delt construction					
Belt construction		nahuaatan atabi	-		
Tension layer	polyester, stable				
Number of plies					
Top side	material	Flexam, PVC			
	finish	smooth, M2 Matt finish			
	color	black			
Bottom side	material	fabric, polyester			
	finish	bare fabric			
	color	natural			
Characteristics					
Food Grade (FG)	no				
Antistatic (AS)	yes	ISO 21178			
High conductive (HC)	no	100 211/0			
Flame-retardant	no				
	yes	ASTM D-378			
ATEX approval	no				
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Technical data					
Hardness	ISO 868	top side	80A Shore		
Thickness	AB method KV.002	total	1.60 mm	0.06 in.	
		top cover	0.50 mm	0.02 in.	
Weight	AB method KV.004		1.6 kg/m²	0.33 lbs/ft <sup>2</sup>	
Coefficient of friction	bottom against steel	dynamic	0.17		
		static	0.2		
	top against steel	dynamic	0.4		
		static	0.5		
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		2080 mm	81.89 in.	
	maximum		2080 mm	81.89 in.	

## **Definition of typical applications**

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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