Technical datasheet

## Flexam EE /1 0+A32 black FR AS

## Article code: SBFL585022

General information



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			
Belt construction				
Tension layer	polyester, stable			
Number of plies		1		
Top side	material	Flexam, PVC		
	finish	profile, A32 Fine rib profile		
	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			
Flame-retardant	no			
	yes	ASTM D-378		
ATEX approval	no			
Technical data	100.000			
Hardness	ISO 868	top side	55A Shore	0.00 ·
Thickness	AB method KV.002	total	2.10 mm	0.08 in.
		top cover	1.00 mm	0.04 in.
Weight	AB method KV.004		1.6 kg/m <sup>2</sup>	0.33 lbs/ft <sup>2</sup>
Coefficient of friction	bottom against steel	dynamic	0.17	
		static	0.2	
	top against steel	dynamic	> 1.0	
On eventing to see the		static	> 1.5	41 / 170 05
Operating temperature	continuous	from / to	5 / 80 °C	41 / 176 °F
No	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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