

# Flexam EE / 1 0+A42 black AS FR

Article code: SBFL585018

## General information

<b>Product group</b>	Synthetic Belts
<b>Industry segment</b>	Airports; Logistics
<b>Main product feature</b>	Antistatic, Flame retardant
<b>Indication of use</b>	Slider bed, Rollers, Flat

## Belt construction

<b>Tension layer</b>		polyester, stable
<b>Number of plies</b>		1
<b>Top side</b>	<b>material</b>	Flexam, PVC
	<b>finish</b>	profile, A42 Supergrip wave profile
	<b>color</b>	black
<b>Bottom side</b>	<b>material</b>	fabric, polyester
	<b>finish</b>	bare fabric
	<b>color</b>	white

## Characteristics

<b>Food Grade (FG)</b>	no	
<b>Antistatic (AS)</b>	yes	ISO 21178
<b>High conductive (HC)</b>	no	
<b>Flame-retardant</b>	no	
	yes	ASTM D-378
<b>ATEX approval</b>	no	

## Technical data

<b>Hardness</b>	ISO 868	top side	35A Shore	
<b>Thickness</b>	AB method KV.002	total	4.00 mm	0.16 in.
		top cover	3.00 mm	0.12 in.
<b>Weight</b>	AB method KV.004		2.7 kg/m <sup>2</sup>	0.55 lbs/ft <sup>2</sup>
<b>Coefficient of friction</b>	bottom against steel	dynamic	0.17	
		static	0.2	
	top against steel	dynamic	> 1.0	
		static	> 1.5	
<b>Operating temperature</b>	continuous	from / to	5 / 80 °C	41 / 176 °F
	short	from / to	5 / 100 °C	41 / 212 °F
<b>Minimum pulley diameter</b>	flexing		40 mm	1.57 in.
	backflexing		50 mm	1.97 in.
<b>Manufacturing width</b>	standard		1700 mm	66.93 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.