

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

Article code: SBFL585011

### General information

<b>Product group</b>	Synthetic Belts
<b>Industry segment</b>	Airports; Logistics: Distribution & warehousing
<b>Main product feature</b>	Antistatic, Flame retardant, Self-alignment, Elastic
<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>	matt, M2 Matt finish
	<b>color</b>	black
<b>Bottom side</b>	<b>material</b>	fabric, polyester
	<b>finish</b>	bare fabric
	<b>color</b>	natural

### Characteristics

<b>Flame-retardant (FR)</b>	yes
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### Technical data

<b>Hardness</b>	according to ISO 868	top side	80A Shore	
<b>Thickness</b>	internal AB method KV.002	total	1.60 mm	0.06 in.
		top cover	0.50 mm	0.02 in.
<b>Weight</b>	internal AB method KV.004		1.6 kg/m <sup>2</sup>	0.33 lbs/ft <sup>2</sup>
<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>Belt width</b>	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) and 50% relative humidity, unless otherwise stated, individual data may differ.

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

More information about splicing can be found on the Special Splice Specification.

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