

# Flexam EF 50/3 15+30 white M1 AS FR FG

Article code: SBFL576299

## General information

<b>Product group</b>	Synthetic Belts
<b>Industry segment</b>	Food: Sugar; Chemicals, rubber & plastics: Detergents & cleaners
<b>Main product feature</b>	Antistatic, Flame retardant, Foodgrade
<b>Indication of use</b>	Slider bed, Rollers, Flat, Troughed

## Belt construction

<b>Tension layer</b>		polyester, flexible
<b>Number of plies</b>		3
<b>Top side</b>	<b>material</b>	Flexam, PVC
	<b>finish</b>	smooth, M1 Fine matt finish
	<b>color</b>	white
<b>Bottom side</b>	<b>material</b>	Flexam, PVC
	<b>finish</b>	matt, M1 Fine matt finish
	<b>color</b>	white

## Characteristics

<b>Food Grade (FG)</b>	yes	EC 1935/2004, EU 10/2011; FDA
<b>Antistatic (AS)</b>	yes	ISO 21178
<b>High conductive (HC)</b>	no	
<b>Flame-retardant (FR)</b>	yes	ISO 340
<b>ATEX approval</b>	yes	ATEX II - KEMA 05ATEX2164 U

## Technical data

<b>Hardness</b>	ISO 868	top side	85A Shore		
<b>Force at 1% elongation</b>	ISO 21181		50 N/mm	285.51 lbs/in.	
<b>Thickness</b>	AB method KV.002	total	9.5 mm	0.37 in.	
		top cover	3 mm	0.12 in.	
<b>Weight</b>	AB method KV.004		12 kg/m <sup>2</sup>	2.46 lbs/ft <sup>2</sup>	
<b>Operating temperature</b>	continuous	from / to	-10 / 70 °C	14 / 158 °F	
	short	from / to	-15 / 80 °C	5 / 176 °F	
<b>Minimum pulley diameter</b>	flexing		400 mm	15.75 in.	
	backflexing		500 mm	19.69 in.	
<b>Manufacturing width</b>	standard		2400 mm	94.49 in.	

## Fabrication

	Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive.
	For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the separate information.

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#### **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.

We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.