Technical datasheet

Flexam EM 8/2 00+04 white AS FG



Article code: SBFL512483

General information									
Product group	Synthetic Belts	Synthetic Belts							
Industry segment	Food: Fruit & vegetable								
Main product feature	Antistatic, Foodgrade								
Indication of use	Slider bed, Rollers, Flat								
Belt construction									
Tension layer		polyester, stable							
Number of plies		2							
Top side	material	al Flexam, PVC							
	finish	smooth, glossy							
	color	white							
Bottom side	material	Ropanol, PUR							
	finish	impregnated fabric							
	color	white							
Characteristics									
Food Grade (FG)	yes EC 1935/2004, EU 10/2011; FD/								
Antistatic (AS)	yes ISO 21178								
High conductive (HC)	no								
ATEX approval	no								
Technical data									
Hardness	ISO 868		top side	80A	Shore				
Force at 1% elongation (static)	ISO 21181			8	N/mm	45.68	lbs/in.		
Thickness	AB method KV.002		total	1.80	mm	0.07	in.		
			top cover	0.40	mm	0.02	in.		
Weight	AB method KV.004	AB method KV.004		2.1	kg/m²	0.43	lbs/ft ²		
Operating temperature	erating temperature continuous		from / to	-15 / 80	°C	5 / 176	°F		
	short		from / to	-15 / 100	°C	5 / 212	°F		

Manufacturing	width
Manuracturing	wiath

Minimum pulley diameter

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 seperate information.

25 mm

50 mm

2020 mm

3000 mm

0.98 in.

1.97 in.

79.53 in.

118.11 in.

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.

flexing backflexing

standard

maximum

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