Technical datasheet

## Flexam EM 8/2 00+P18 dark green AS FG

## Article code: SBFL570313



General information										
Product group	Synthetic Belts									
Industry segment	Building materials	Building materials								
Main product feature	Antistatic, Foodgrade	Antistatic, Foodgrade								
Indication of use	Slider bed, Rollers, Fla	Slider bed, Rollers, Flat								
Belt construction										
Tension layer		polyester, stable	2							
Number of plies		2	2							
Top side	material	Flexam, PVC	Flexam, PVC							
	finish	profile, P18 Med	profile, P18 Medium fabric structure pr							
	color	dark green								
Bottom side	material	Ropanol, fabric	Ropanol, fabric							
	finish	impregnated fab	impregnated fabric natural							
	color	natural								
Characteristics										
Food Grade (FG)	yes	EC 1935/2004, E	EC 1935/2004, EU 10/2011; FDA							
Antistatic (AS)	yes	ISO 21178	ISO 21178							
High conductive (HC)	no									
ATEX approval	no									
Technical data										
Hardness	ISO 868	top side	70A Shore							
Force at 1% elongation (static)	ISO 21181		8 N/mm	45.68	lbs/in.					
Thickness	AB method KV.002	total	2.40 mm	0.09	in.					
		top cover	0.70 mm	0.03	in.					

WeightAB method KV.0042.5kg/m²0.51lbs/ft²Operating temperaturecontinuousfrom / to-15 / 80°C5 / 176°Fbortfrom / to-15 / 100°C5 / 212°FMinimum pulley diameterflexingform / to-15 / 100°C5 / 212°Fbackflexingform / toform / to			top cover	0.70	mm	0.03	in.
short from / to -15 / 100 °C 5 / 212 °F   Minimum pulley diameter flexing 40 mm 1.57 in.   backflexing 80 mm 3.15 in.	Weight	AB method KV.004		2.5	kg/m²	0.51	lbs/ft²
Minimum pulley diameterflexing40mm1.57in.backflexing80mm3.15in.	Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
backflexing 80 mm 3.15 in.		short	from / to	-15 / 100	°C	5 / 212	°F
	Minimum pulley diameter	flexing		40	mm	1.57	in.
Manufacturing widthstandard3000mm118.11in.		backflexing		80	mm	3.15	in.
	Manufacturing width	standard		3000	mm	118.11	in.
maximum 3000 mm 118.11 in.		maximum		3000	mm	118.11	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 seperate information.

## **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.

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