Technical datasheet

## Flexam EM 16/4 0+03 petrol M1 FG

Article code: SBFL511338



General information										
Product group	Synthetic Belts									
Industry segment	Textile									
Main product feature	Foodgrade	Foodgrade								
Indication of use	Slider bed, Rollers, F	lat								
Belt construction										
Number of plies		4								
Top side	material	Flexam, PVC	Flexam, PVC							
	finish	smooth, M1 Fine	smooth, M1 Fine matt finish							
	color	petrol	petrol							
Bottom side	material	fabric, polyester	fabric, polyester							
	finish	bare fabric	bare fabric							
	color	natural	natural							
Characteristics										
Food Grade (FG)	yes	EC 1935/2004,	EC 1935/2004, EU 10/2011; FDA							
Antistatic (AS)	no									
High conductive (HC)	no									
Flame-retardant (FR)	no									
ATEX approval	no									
Technical data										
Hardness	ISO 868	top side	70A Shore							
Force at 1% elongation (static)	ISO 21181		16 N/mm	91.36 lbs/in.						
Thickness	AR mothed KV 002	total	4.4 mm	0.17 in						

Force at 1% elongation (Static)	150 21101		10	11/11111	91.50	105/111.
Thickness	AB method KV.002	total	4.4	mm	0.17	in.
		top cover	0.3	mm	0.01	in.
Weight	AB method KV.004		5.1	kg/m²	1.04	lbs/ft²
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	short	from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameter	flexing		150	mm	5.91	in.
	backflexing		200	mm	7.87	in.
Manufacturing width	standard		1500	mm	59.06	in.
	maximum		2000	mm	78.74	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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