Technical datasheet

Flexam EM 8/2 0+05 petrol M2 AS FG

Article code: SBFL575651



General information		
Product group	Synthetic Belts	
Industry segment	General industry	
Main product feature	Antistatic	
Indication of use	Slider bed, Rollers, Flat	
Belt construction		
Tension layer		polyester, stable
Number of plies		2
Top side	material	Flexam, PVC
	finish	smooth, M2 Matt finish
	color	petrol
Bottom side	material	fabric, polyester
	finish	bare fabric
	color	natural

Characteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
ATEX approval	no	

Thickness AB method KV.002 total 2.20 mm 0.09 in. Weight AB method KV.004 top cover 0.50 mm 0.02 in. Weight AB method KV.004 2.5 kg/m² 0.51 lbs/ft² Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F Minimum pulley diameter flexing from / to -15 / 100 °C 5 / 212 °F backflexing Inserting Inserting Inserting Inserting Inserting	Technical data						
Thickness AB method KV.002 total 2.20 mm 0.09 in. Weight AB method KV.004 top cover 0.50 mm 0.02 in. Weight AB method KV.004 2.5 kg/m² 0.51 lbs/ft² Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F Minimum pulley diameter flexing from / to -15 / 100 °C 5 / 212 °F backflexing Inserting Inserting Inserting Inserting Inserting	Hardness	ISO 868	top side	70A	Shore		
Meinder Grantop cover0.50mm0.02i.WeightAB method KV.004CS.5kg/m20.51lbs/ft2Operating temperaturecontinuousfrom / to-15 / 80°C5 / 10°FMinimum pulley diameterflexingflexingcontinuousin.in.backflexingcontinuouscontinuouscontinuouscontinuousin.in.	Force at 1% elongation (static)	ISO 21181		8	N/mm	45.68	lbs/in.
WeightAB method KV.004Constrained of both and	Thickness	AB method KV.002	total	2.20	mm	0.09	in.
Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F short from / to -15 / 100 °C 5 / 212 °F Minimum pulley diameter flexing Continuous 100 °C 5 / 212 °F backflexing Image: State of the stat			top cover	0.50	mm	0.02	in.
short from / to -15 / 100 °C 5 / 212 °F Minimum pulley diameter flexing 25 mm 0.98 in. backflexing 50 mm 1.97 in.	Weight	AB method KV.004		2.5	kg/m²	0.51	lbs/ft²
Minimum pulley diameterflexing111backflexing000000backflexing000000	Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
backflexing 50 mm 1.97 in.		short	from / to	-15 / 100	°C	5 / 212	°F
	Minimum pulley diameter	flexing		25	mm	0.98	in.
Manufacturing width standard 2000 mm 78.74 in		backflexing		50	mm	1.97	in.
	Manufacturing width	standard		2000	mm	78.74	in.
maximum 2040 mm 80.31 in.		maximum		2040	mm	80.31	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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