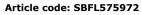
Technical datasheet

Flexam EM 8/2 00+A42 dark green AS FG





General information	
Product group	Synthetic Belts
Industry segment	Agriculture; Wood; Paper & print
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	Flexam, PVC
	finish	profile, A42 Supergrip wave profile
	color	dark green
Bottom side	material	Ropanol, PUR
	finish	impregnated fabric
	color	transparent
Characteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 21178

	,	
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
ATEX approval	yes	ATEX II - KEMA 05ATEX2164 U

HardnessISO 868top side55AShoreImage: constraint of the state	Technical data						
Thickness AB method KV.002 total 4.40 mm 0.17 in. Weight AB method KV.004 top cover 2.90 mm 0.11 in. Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F	Hardness	ISO 868	top side	55A	Shore		
Meight AB method KV.004 from / to -15 / 80 °C 5 / 176 °F	Force at 1% elongation (static)	ISO 21181		8	N/mm	45.68	lbs/in.
Weight AB method KV.004 3.5 kg/m ² 0.72 lbs/ft ² Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F	Thickness	AB method KV.002	total	4.40	mm	0.17	in.
Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F			top cover	2.90	mm	0.11	in.
	Weight	AB method KV.004		3.5	kg/m²	0.72	lbs/ft²
short from / to -15 / 100 °C 5 / 212 °F	Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
		short	from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameterflexing40mm1.57in.	Minimum pulley diameter	flexing		40	mm	1.57	in.
backflexing 50 mm 1.97 in.		backflexing		50	mm	1.97	in.
Manufacturing widthstandard2000mm78.74in.	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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