Technical datasheet

General informatio

Flexam EM 4/1 00+05 dark green M1 AS

Article code: SBFL510510



General information											
Product group	Synthetic Belts	Synthetic Belts									
Industry segment	Container & packagin	Container & packaging									
Main product feature	Antistatic	Antistatic									
Indication of use	Slider bed, Rollers, Fl	Slider bed, Rollers, Flat, Troughed									
Belt construction											
Number of plies		1	1								
Top side	material	Flexam, PVC	Flexam, PVC								
	finish	smooth, M1 Fir	smooth, M1 Fine matt finish								
	color	dark green	dark green								
Bottom side	material	Ropanol	Ropanol impregnated fabric								
	finish	impregnated fa									
	color	transparent	transparent								
Characteristics											
Food Grade (FG)	no										
Antistatic (AS)	yes	ISO 21178									
High conductive (HC)	no										
Flame-retardant (FR)	no										
ATEX approval	no										
Technical data											
Hardness	ISO 868	top side	80A	Shore							
Force at 1% elongation (static)	ISO 21181		4	N/mm	22.84	lbs/in.					
Thickness	AB method $K/(000)$	hahal	1		0.04	1					

Force at 1% elongation (static)	ISO 21181		4	N/mm	22.84	lbs/in.
Thickness	AB method KV.002	total	1	mm	0.04	in.
		top cover	0.5	mm	0.02	in.
Weight	AB method KV.004		1.3	kg/m²	0.27	lbs/ft²
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	short	from / to	-30 / 110	°C	-22 / 230	°F
Minimum pulley diameter	flexing		10	mm	0.39	in.
	backflexing		20	mm	0.79	in.
Manufacturing width	standard		2000	mm	78.74	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 separate 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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