Technical datasheet

Flexam EM 8/2 A18+05 dark green FG

Article code: SBVL589600



General information	
Product group	Synthetic Belts
Main product feature	Foodgrade
Indication of use	Flat, Rollers, Slider bed

Tension layer polyester, stable Number of plies 2 Top side material Flexam, PVC finish smooth, glossy Bottom side material Flexam, PVC finish smooth, glossy Bottom side material Flexam, PVC finish profile A18 Fine square profile	Belt construction				
Top side material Flexam, PVC finish smooth, glossy color dark green Bottom side material	Tension layer		polyester, stable		
finish smooth, glossy color dark green Bottom side material Flexam, PVC	Number of plies		2		
color dark green Bottom side material Flexam, PVC	Top side	material	Flexam, PVC		
Bottom side material Flexam, PVC		finish	smooth, glossy		
		color	dark green		
finish profile A18 Fine square profile	Bottom side	material	Flexam, PVC		
prome, Ato time square prome		finish	profile, A18 Fine square profile		

Characteristics		
Food Grade (FG)	yes	FDA
Antistatic (AS)	no	
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		8	N/mm	45.68	lbs/in.
Thickness	AB method KV.002	total	3	mm	0.12	in.
		top cover	0.5	mm	0.02	in.
Weight	AB method KV.004		3.1	kg/m²	0.63	lbs/ft²
Operating temperature	continuous	from / to	-10 / 80	°C	14 / 176	°F
	short	from / to	-10 / 100	°C	14 / 212	°F
Minimum pulley diameter	flexing		60	mm	2.36	in.
	backflexing		90	mm	3.54	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 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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