Technical datasheet

Concernal information

Flexam EM 19/3 00+P7 dark green AS FR

Article code: SBFL576082



General information								
Product group	Synthetic Belts							
Industry segment	Logistics							
Main product feature	Antistatic, Flame retardant							
Indication of use	Slider bed, Rollers, Fl	Slider bed, Rollers, Flat						
Belt construction								
Tension layer		polyester, stable						
Number of plies		3						
Top side	material	material Flexam, PVC						
	finish	profile, P7 Mini grip profile						
	color	dark green	dark green					
Bottom side	material	Flexam, PVC	Flexam, PVC					
	finish	impregnated fabr	impregnated fabric					
	color	transparent	transparent					
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	yes	ISO 21178	ISO 21178					
High conductive (HC)	no							
Flame-retardant	yes	yes ISO 340						
	no							
ATEX approval	no							
Technical data								
Hardness	ISO 868	top side	80A Shore					
Force at 1% elongation (static)	ISO 21181		19 N/mm	108.49 lbs/in.				
Thickness	AB method KV.002	total	4.20 mm	0.17 in.				

Thickness	AB method KV.002	total	4.20	mm	0.17	in.
		top cover	1.40	mm	0.06	in.
Weight	AB method KV.004		4.6	kg/m²	0.94	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		100	mm	3.94	in.
	backflexing		160	mm	6.3	in.
Manufacturing width	standard		1600	mm	62.99	in.
	maximum		1650	mm	64.96	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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