Technical datasheet

Flexam EM 8/2 00+04 red M1 AS FG / R3002

Article code: SBFL514966



General information	
Product group	Synthetic Belts
Industry segment	Logistics
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	smooth, M1 Fine matt finish		
	color	red		
Bottom side	material	Flexam, PVC		
	finish	impregnated fabric		
	color	transparent		
Characteristics				

Characteristics		
Food Grade (FG)	yes	FDA
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data

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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	1.8	mm	0.07	in.
		top cover	0.4	mm	0.02	in.
Weight	AB method KV.004		2.1	kg/m²	0.43	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		25	mm	0.98	in.
	backflexing		50	mm	1.97	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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