Technical datasheet

Peflex ESM 10/2 0+03 transparent M1 AS FG



Article code: SBPE510438

General information								
Product group	Synthetic Belts							
Industry segment	Tobacco							
Main product feature	Antistatic, Foodgrade, Non logo							
Indication of use	Slider bed, Rollers, Flat							
Belt construction								
		a characteria a	+ - h -					
Tension layer		polyester, s	stable					
Number of plies		2						
Top side	material	Peflex, EVA						
	finish	smooth, M1 Fine matt finish						
	color	transparent	:					
Bottom side	material	fabric, poly	fabric, polyester					
	finish	bare fabric	bare fabric					
	color	natural	natural					
Characteristics								
Food Grade (FG)	yes EC 1935/2		004, EU 10/2011; FDA					
Antistatic (AS)	yes ISO 21178							
High conductive (HC)	no							
ATEX approval	yes	ATEX II - K	EMA 05ATEX2164 U					
Technical data			i.					
Hardness	ISO 868		top side		Shore			
Force at 1% elongation (static)	ISO 21181				N/mm		lbs/in.	
Thickness	AB method KV.0	AB method KV.002		2.10		0.08		
			top cover	0.30		0.01		
Weight	AB method KV.0	AB method KV.004			kg/m²		lbs/ft ²	
Operating temperature	erating temperature continuous		from / to	-20 / 50	°C	-4 / 122	°F	
short			from / to	-50 / 70	°C	-58 / 158	°F	
Minimum pulley diameter	flexing			40	mm	1.57	in.	
	backflexing			60	mm	2.36	in.	
Manufacturing width	standard			1500	mm	59.06	in.	
				2200		125.00	•	

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.

3200 mm

125.98 in.

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.

maximum

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