Technical datasheet

Nonex EM 8/2 00+03 light blue AS FG AM



Article code: SBN0572780

General information								
Product group	Synthetic Belts							
Industry segment	Food: Fruit & vegetable, Bakery							
Main product feature	Antistatic, Foodgrade, Anti-microbial, Oil & grease resistant							
Indication of use	Slider bed, Rollers, Flat							
Belt construction								
		a characteria	- b					
Tension layer	polyester, stable							
Number of plies		2						
Top side	material Nonex, PVC							
	finish	smooth, gl	smooth, glossy					
	color	Light blue	Light blue					
Bottom side	material Ropanol, PUR							
	finish	impregnate	impregnated fabric					
	color	Light blue						
Characteristics								
Food Grade (FG)	yes EC 1935/20		004, EU 10/2011; FDA					
Antistatic (AS)	yes ISO 21178							
High conductive (HC)	no							
ATEX approval	no							
Technical data								
Hardness	ISO 868		top side		Shore	15.60		
Force at 1% elongation (static)	ISO 21181				N/mm		lbs/in.	
Thickness	AB method KV.002		total	1.60		0.06		
			top cover		mm	0.01		
Weight	AB method KV.004				kg/m²		lbs/ft²	
Operating temperature	continuous short		from / to	-15 / 80		5 / 176		
			from / to	-15 / 100	°C	5 / 212	°F	
Minimum pulley diameter	nimum pulley diameter flexing			20	mm	0.79	in.	
	backflexing			30	mm	1.18	in.	
Manufacturing width	standard			2020	mm	79.53	in.	
	maximum	maximum		2020	mm	79.53	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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