Technical datasheet

Nonex EE /1 0+A21 light blue AS FG AM



Article code: SBN0585064

General information							
Product group	Synthetic Belts						
Industry segment	Food: Confectionary & candy, Bakery						
Main product feature	Elastic, Foodgrade, Self-alignment, Cold resistant						
Indication of use	Slider bed, Rollers, Flat						
Belt construction							
Tension layer		polyester, stable					
Number of plies		1					
Top side	material	Nonex, PVC					
	finish	profile, A21 Fine diamond profile					
	color	Light blue					
Bottom side	material	fabric,					
	finish	bare fabric					
Characteristics							
Food Grade (FG)	yes						
Antistatic (AS)	yes	ISO 21178					
High conductive (HC)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868		top side	66A	Shore		
Thickness	AB method KV.00	AB method KV.002		1.8	mm	0.07	in.
			top cover	0.7	mm	0.03	in.
Weight	AB method KV.00	AB method KV.004		1.6	kg/m²	0.33	lbs/ft ²
Operating temperature	continuous		from / to	5 / 80	°C	41 / 176	°F
	short	short		5 / 100	°C	41 / 212	°F
Minimum pulley diameter	flexing	flexing		40	mm	1.57	in.
	backflexing	backflexing		50	mm	1.97	in.
Manufacturing width	standard			2080	mm	81.89	in.
	maximum			2080	mm	81.89	in.

Definition of typical applications

Applications that require correction of mistracking due to pushing, pulling, or other processes performed on the belt. The Self Tracking Belt does not prevent mistracking: it corrects mistracking. Self Tracking Belts should not be used to solve construction failures.

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. Minimum required tension of 3% of the belt length is generally sufficient.

For more information about the design of a belt conveyor, see the Technical Information Sheet for Self Tracking Belts.

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