

Nonex EE / 1 0+05 light blue M2 AS FG AM

Article code: SBNO585061

General information

Product group	Synthetic Belts
Industry segment	Food: Confectionary & candy, Bakery
Main product feature	Elastic, Foodgrade, Self-alignment, Anti-microbial
Indication of use	Slider bed, Rollers, Flat

Belt construction

Tension layer		polyester, stable
Number of plies		1
Top side	material	Nonex, PVC
	finish	smooth, M2 Matt finish
	color	Light blue
Bottom side	material	fabric,
	finish	bare fabric

Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
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.002	total	1.6 mm	0.06 in.
		top cover	0.5 mm	0.02 in.
Weight	AB method KV.004		1.6 kg/m ²	0.33 lbs/ft ²
Operating temperature	continuous	from / to	5 / 80 °C	41 / 176 °F
	short	from / to	5 / 100 °C	41 / 212 °F
Minimum pulley diameter	flexing		40 mm	1.57 in.
	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.