Technical datasheet

Nonex EF 18/3 0+50 white FG

Article code: SBN0589526



General information									
Product group	Synthetic Belts	Synthetic Belts							
Main product feature	Foodgrade, Oil & grease	Foodgrade, Oil & grease resistant							
Indication of use	Slider bed, Rollers, Flat	Slider bed, Rollers, Flat, Troughed							
Belt construction									
Tension layer		polyester, flexible							
Number of plies		3	3						
Top side	material	Nonex, PVC							
	finish	smooth, glossy	smooth, glossy						
	color	white							
Bottom side	material	fabric, polyester							
	finish	bare fabric							
	color	natural							
Characteristics									
Food Grade (FG)	yes	FDA							
Antistatic (AS)	no								
High conductive (HC)	no								
Flame-retardant (FR)	no								
ATEX approval	no								
Technical data									
Hardness	ISO 868	top side	70A Shore						
Force at 1% elongation (static)	ISO 21181		18 N/mm	102.78 lbs/in.					

Force at 1% elongation (static)	ISO 21181		18	N/mm	102.78	lbs/in.
Thickness	AB method KV.002	total	7.8	mm	0.31	in.
		top cover	5	mm	0.2	in.
Weight	AB method KV.004		9.2	kg/m²	1.88	lbs/ft²
Operating temperature	continuous	from / to	-15 / 90	°C	5 / 194	°F
	short	from / to	-15 / 110	°C	5 / 230	°F
Minimum pulley diameter	flexing		300	mm	11.81	in.
	backflexing		400	mm	15.75	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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