**Technical datasheet** 

## Nonex EF 45/3 12+13 white M2 AS FG



Article code: SBN0510453

General information							
Product group	Synthetic Belts						
Industry segment	Food						
Main product feature	Antistatic, Foodgrade, Oil & grease resistant						
Indication of use	Troughed, Flat, Rollers						
Belt construction							
	polyoptar flavible						
Tension layer		polyester, flexible					
Number of plies		3					
Top side	material	Nonex, PVC					
	finish	smooth, M2 Matt finish					
	color	white					
Bottom side	material	Nonex, PVC					
	finish	smooth, M2 Matt finish					
	color	white	white				
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	KEMA 05ATEX2164 U				
Technical data							
Hardness	ISO 868		top side	70A	Shore		
Force at 1% elongation (static)	ISO 21181			45	N/mm	256.96	lbs/in.
Thickness	AB method KV.002		total	7.2	mm	0.28	in.
			top cover	1.3	mm	0.05	in.
Weight	AB method KV.004			8.6	kg/m²	1.76	lbs/ft²
Operating temperature	continuous		from / to	-15 / 80	°C	5 / 176	°F
	short		from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameter	flexing			350	mm	13.78	in.
	backflexing			500	mm	19.69	in.

Manufacturing width

## 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.

2020 mm

2020 mm

79.53 in.

79.53 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.

standard

maximum

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