Technical datasheet

# Nonex ESF 6/2 0+04 white M1 FG

Article code: SBN0510560



General information	
Product group	Synthetic Belts
Industry segment	Food
Main product feature	Foodgrade, Oil & grease resistant
Indication of use	Slider bed, Rollers, Flat, Troughed

#### Belt construction

Dert construction					
Tension layer		polyester, flexible			
Number of plies		2			
Top side	material	Nonex, PVC			
	finish	smooth, M1 Fine matt finish			
	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**

recimical data						
Hardness	ISO 868	top side	65A	Shore		
Force at 1% elongation (static)	ISO 21181		6	N/mm	34.26	lbs/in.
Thickness	AB method KV.002	total	1.80	mm	0.07	in.
		top cover	0.40	mm	0.02	in.
Weight	AB method KV.004		2	kg/m²	0.41	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		25	mm	0.98	in.
	backflexing		50	mm	1.97	in.
Manufacturing width	standard		2020	mm	79.53	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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.