**Technical datasheet** 

## Ropanyl EM 3/1 00+02 white M2 AS FG



Article code: SBRY579801

General information								
Product group	Synthetic Belt	Synthetic Belts						
Industry segment	Food: Confect	Food: Confectionary & candy, Bakery; Container & packaging						
Main product feature	Antistatic, Foo	Antistatic, Foodgrade						
Indication of use	Slider bed, Ro	Slider bed, Rollers, Flat						
Belt construction								
Tension layer		polyester, stable						
Number of plies		1						
Top side	material	rial Ropanyl, TPU						
	finish	smooth, M2 Matt finish						
	color	white						
Bottom side	material	Ropanol, PUR						
	finish	impregnated fabric						
	color	transparent						
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	85A Shore					

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Force at 1% elongation (static)	ISO 21181		3	N/mm	17.13	lbs/in.
Thickness	AB method KV.002	total	0.80	mm	0.03	in.
		top cover	0.20	mm	0.01	in.
Weight	AB method KV.004		0.8	kg/m²	0.16	lbs/ft²
Coefficient of friction	bottom against steel	dynamic	0.19			
		static	0.22			
Operating temperature	continuous	from / to	-20 / 90	°C	-4 / 194	°F
	short	from / to	-30 / 110	°C	-22 / 230	°F
Minimum pulley diameter	flexing		6	mm	0.24	in.
	backflexing		10	mm	0.39	in.
Manufacturing width	standard		2100	mm	82.68	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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