**Technical datasheet** 

## Ropanyl EM 3/1 00+02 light blue M1 AS FG AM



Article code: SBRY579789

General information							
Product group	Synthetic Belts						
Industry segment	Food: Confectionary & candy, Bakery; Container & packaging						
Main product feature	Antistatic, Foodgrade, Anti-microbial						
Indication of use	Slider bed, Rollers, Flat						
Patra and the state							
Belt construction							
Tension layer		polyester, stable					
Number of plies		1					
Top side	material	Ropanyl, TPU					
	finish	smooth, M	smooth, M1 Fine matt finish				
	color	Light blue					
Bottom side	material	Ropanol, PUR					
	finish	impregnate	impregnated fabric				
	color	Light blue					
Characteristics							
Food Grade (FG)	yes	EC 1935/2	004, 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		
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
Heat transfer coefficient				250	W/(m².K)	44.06	BTU/(h.ft².°F)
Operating temperature	ing temperature continuous   short		from / to	-20 / 90	°C	-4 / 194	°F
			from / to	-30 / 110	°C	-22 / 230	°F
Minimum pulley diameter	mum pulley diameter flexing backflexing			10	mm	0.39	in.
				6	mm	0.24	in.
Manufacturing width	standard			2020	mm	79.53	in.
	maximum			2000	mm	78.74	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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