Technical datasheet

Ropanyl EF 10/2 00+03 light blue M2 FG AM

Article code: SBRY575411



General information						
Product group	Synthetic Belts	Synthetic Belts				
Industry segment	Food: Meat & poul	Food: Meat & poultry, Bakery				
Main product feature	Foodgrade, Anti-m	Foodgrade, Anti-microbial				
Indication of use	Slider bed, Rollers	Slider bed, Rollers, Flat, Troughed				
Belt construction						
Tension layer		polyester, flexible				
Number of plies		2				
Top side	material	Ropanyl, TPU				

10p blue	material	
	finish	smooth, M2 Matt finish
	color	Light blue
Bottom side	material	Ropanol, PUR
	finish	impregnated fabric
	color	Light blue

Characteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	no	
High conductive (HC)	no	
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data

Hardness	ISO 868	top side	93A	Shore		
Force at 1% elongation (static)	ISO 21181		10	N/mm	57.1	lbs/in.
Thickness	AB method KV.002	total	1.5	mm	0.06	in.
		top cover	0.25	mm	0.01	in.
Weight	AB method KV.004		1.8	kg/m²	0.37	lbs/ft²
Operating temperature	continuous	from / to	-20 / 90	°C	-4 / 194	°F
	short	from / to	-30 / 110	°C	-22 / 230	°F
Minimum pulley diameter	flexing		15	mm	0.59	in.
	backflexing		50	mm	1.97	in.
Manufacturing width	standard		3000	mm	118.11	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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