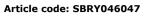
Technical datasheet

Ropanyl EM 8/2 00+02 light blue M1 AS FG





General information									
Product group	Synthetic Belts								
Industry segment	Food								
Main product feature	Antistatic, Foodgrade								
Indication of use	Slider bed, Flat								
Belt construction									
Tension layer	polyester, stable								
Number of plies	2								
Top side	material	Ropanyl, TPU							
	finish	smooth, M1 Fine	smooth, M1 Fine matt finish						
	color	Light blue	Light blue						
Bottom side	material	material Ropanol, TPU							
	finish	finish impregnated fabric							
	color	Light blue	Light blue						
Characteristics									
Food Grade (FG)	yes	FDA	FDA						
Antistatic (AS)	yes	ISO 21178	ISO 21178						
High conductive (HC)	no								
Flame-retardant (FR)	no								
ATEX approval	no								
Technical data									
Hardness	ISO 868	top side	92A Shore						
Force at 1% elongation (static)	ISO 21181		8 N/mm	45.68	lbs/in.				
Thickness	AB method KV.002	total	1.5 mm	0.06	in.				

Force at 1% elongation (static)	150 21181		8	N/mm	45.68	ibs/in.
Thickness	AB method KV.002	total	1.5	mm	0.06	in.
		top cover	0.2	mm	0.01	in.
Weight	AB method KV.004		1.56	kg/m²	0.32	lbs/ft²
Operating temperature	continuous	from / to	-20 / 80	°C	-4 / 176	°F
	short	from / to	-20 / 100	°C	-4 / 212	°F
Minimum pulley diameter	flexing		9.5	mm	0.37	in.
	backflexing		19	mm	0.75	in.
Manufacturing width	standard		1829	mm	72.01	in.
	maximum		1829	mm	72.01	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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