Technical datasheet

## Ropanyl EM 6/2 00+02 light blue AS FG

Article code: SBVL589907



General information		
Product group	Synthetic Belts	
Main product feature	Antistatic, Foodgrade	
Indication of use	Flat, Slider bed	
Belt construction		
Tension layer		polyester, stable
Number of plies		2
Top side	material	Ropanyl, TPU
	finish	impregnated fabric
	color	Light blue
Bottom side	material	Ropanol, PUR
	finish	impregnated fabric
	color	Light blue
Characteristics		
Food Grade (FG)	yes	FDA
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
Flame-retardant (FR)	no	
ATEX approval	no	
Technical data		

Technical data						
Hardness	ISO 868	top side	92A	Shore		
Force at 1% elongation (static)	ISO 21181		6	N/mm	34.26	lbs/in.
Thickness	AB method KV.002	total	1.5	mm	0.06	in.
Weight	AB method KV.004		1.5	kg/m²	0.31	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		10	mm	0.39	in.
	backflexing		20	mm	0.79	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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