Technical datasheet

Ropanyl EM 8/2 00+02 yellow AS FG /60ShD



Article code: SBRY574610

General information					
Product group	Synthetic Belts	Synthetic Belts			
Industry segment	Wood: Furniture	Wood: Furniture			
Main product feature	Antistatic, Foodgrade	Antistatic, Foodgrade			
Indication of use	Slider bed, Rollers, Flat	Slider bed, Rollers, Flat			
Belt construction					
Tension layer		polyester, stable			
Number of plies			2		
Top side	material	Ropanyl, TPU			
	finish	smooth, glossy			
	color	yellow			
Bottom side	material	Ropanol, PUR	Ropanol, PUR		
	finish	impregnated fabri	impregnated fabric		
	color	transparent			
Characteristics					
Food Grade (FG)	yes		EC 1935/2004, EU 10/2011		
Antistatic (AS)	yes	150 21178	ISO 21178		
High conductive (HC)	no		ATEX III		
ATEX approval	yes	ATEX III	ATEX III		
Technical data					
Hardness	ISO 868	top side	60D Shore		
Force at 1% elongation (static)	ISO 21181		8 N/mm	45.68 lbs/in.	
Thickness	AB method KV.002	total	1.60 mm	0.06 in.	
		top cover	0.20 mm	0.01 in.	
Weight	AB method KV.004		1.8 kg/m²	0.37 lbs/ft ²	
Operating temperature	continuous	from / to	-20 / 90 °C	-4 / 194 °F	
	short	from / to	-20 / 110 °C	-4 / 230 °F	
Minimum pulley diameter	flexing		40 mm	1.57 in.	
	backflexing		80 mm	3.15 in.	
Manufacturing width	standard		2020 mm	79.53 in.	
	maximum		2850 mm	112.2 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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