Technical datasheet

Ropanyl EM 5/1 00+02 white AS FG



Article code: SBRY886800

General information							
Product group	Synthetic Belts						
Main product feature	Antistatic, Foodgrade						
Indication of use	Flat, Slider bed	Flat, Slider bed					
Belt construction							
Tension layer		polyester, stabl	polyester, stable				
Number of plies		1					
Top side	material	material Ropanyl, TPU					
	finish	smooth, glossy					
	color	white	white				
Bottom side	material	Ropanol, PUR					
	finish	impregnated fa	impregnated fabric				
	color	natural					
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		Shore			
Force at 1% elongation (static)	ISO 21181			N/mm		lbs/in.	
Thickness	AB method KV.002	total	0.80		0.03		
		top cover	0.20		0.01		
Weight	AB method KV.004			kg/m²		lbs/ft²	
Operating temperature	continuous	from / to	-20 / 90		-4 / 194		
	short	from / to	-30 / 110		-22 / 230		
Minimum pulley diameter	flexing		8	mm	0.31		
	backflexing		20	mm	0.79	in.	
Manufacturing width	standard		2500	mm	98.43	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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