Technical datasheet

Ropanyl EM 8/2 00+05 transparent M1 AS FG



Article code: SBMD000032

General information					
Product group	Synthetic Belts	Synthetic Belts			
Industry segment	Food	Food			
Main product feature	Antistatic, Foodgrade	Antistatic, Foodgrade			
Belt construction					
Number of plies		2			
Top side	material	PUCON, PUCON	PUCON, PUCON		
	finish	matt, A matt	matt, A matt		
	color	transparent	transparent		
Bottom side	material	PUCON, PUCON	PUCON, PUCON		
	finish	impregnated fabr	impregnated fabric		
Characteristics					
Food Grade (FG)	yes	Yes; Yes			
Antistatic (AS)	yes				
Technical data					
Hardness	ISO 868	top side	92A Shore	15 60 11 11	
Force at 1% elongation (static)	ISO 21181		8 N/mm	45.68 lbs/in.	
Thickness	AB method KV.002	total	1.90 mm	0.07 in.	
		top cover	0.50 mm	0.02 in.	
Weight	AB method KV.004		2.2 kg/m ²	0.45 lbs/ft ²	
Operating temperature	continuous	from / to	-25 / 90 °C	-13 / 194 °F	
	short	from / to	-25 / 90 °C	-13 / 194 °F	
Minimum pulley diameter	flexing		40 mm	1.57 in.	
	backflexing		70 mm	2.76 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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