Technical datasheet

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PVCEXCON 3F/14 W45 Z/V09 FA

Article code: SBMD000060



General information							
Product group	Synthetic Belts						
Industry segment	Food						
Main product feature	Foodgrade						
Belt construction							
Number of plies		3					
Top side	material	PVCEXCON, PVCEXCON					
	finish	smooth					
	color	white					
Bottom side	material	PVCEXCON, PV	PVCEXCON, PVCEXCON				
	finish	profile, Z Nega	profile, Z Negative pyramid				
	color	white	white				
Characteristics							
Food Grade (FG)	yes						
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		mm	0.18		
		top cover	0.90	mm	0.04	in.	
Weight	AB method KV.004		6	kg/m²	1.23	lbs/ft²	
Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F	
	short	from / to	-10 / 70	°C	14 / 158	°F	
Minimum pulley diameter	flexing		110	mm	4.33	in.	
	backflexing		140	mm	5.51	in.	
Manufacturing width	standard		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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