Technical datasheet

General information

PVCEXCON 2R/12 DB23 U0/BW FA

Article code: SBMD000055



General information								
Product group	Synthetic Belts	Synthetic Belts						
Industry segment	Food	Food						
Main product feature	Foodgrade	Foodgrade						
Belt construction								
Number of plies		2						
Top side	material	PVCEXCON, PVCEXCON						
	finish	pr	profile, BW Basket weave					
	color	Da	Dark blue					
Bottom side	material	PU	PUCON, PUCON					
	finish	im	impregnated fabric					
	color	tra	transparent					
Characteristics								
Food Grade (FG)	yes							
Technical data								
Hardness	ISO 868 to		de	55A	Shore			
Force at 1% elongation (static)	ISO 21181			12	N/mm	68.52	lbs/in.	
Thickness	AB method KV.002	total		2.30	mm	0.09	in.	
		top co	over	0.80	mm	0.03	in.	
Weight	AB method KV.004			2.6	kg/m²	0.53	lbs/ft ²	
Operating temperature	continuous	from /	′ to	-10 / 70	°C	14 / 158	°F	
	short	from /	′ to	-10 / 70	°C	14 / 158	°F	
Minimum pulley diameter	flexing			50	mm	1.97	in.	
	backflexing			90	mm	3.54	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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