Technical datasheet

General information

PVCCON 2R-RX/14 B21 00/U0 AS

Article code: SBMD000227



Product group	Synthetic Belts	
Belt construction		
Tension layer		polyester, R-Rigid
Number of plies		2
Top side	material	FABCON, fabric
	finish	None, U0-PU Impregnated
	color	B-Black
Bottom side	material	FABCON, fabric
	finish	PU impreganted
	color	B-Black

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data								
Hardness	ISO 868	top side	0	Shore				
Force at 1% elongation (static)	ISO 21181		14	N/mm	79.94	lbs/in.		
Thickness	AB method KV.002	total	2.10	mm	0.08	in.		
		top cover	0	mm	0	in.		
Weight	AB method KV.004		2.01	kg/m²	0.41	lbs/ft²		
Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F		
Minimum pulley diameter	flexing		50	mm	1.97	in.		
	backflexing		50	mm	1.97	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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