**Technical datasheet** 

## PVCCON 3R/18 GR45 00/V17 AS

## Article code: SBMD000219



7.09 in.

118.11 in.

118.11 in.

180 mm

3000 mm

3000 mm

General information							
Product group	Synthetic Belts						
Belt construction							
Tension layer		polyester, R-Rigic	l				
Number of plies		3					
Top side	material	PVCCON, PVC					
	finish	smooth,Smoot	h - Shiny				
	color	GR-Grey					
Bottom side	material	PVCCON, fabric	PVCCON, fabric				
	finish	bare fabric					
	color	FA-Fabric					
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	yes						
Flame-retardant (FR)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868	top side	55	Shore			
Force at 1% elongation (static)	ISO 21181		18	N/mm	102.78	lbs/in.	
Thickness	AB method KV.002	total	4.50	mm	0.18	in.	
		top cover	0.762	mm	0.03	in.	
Weight	AB method KV.004		5.419	kg/m²	1.11	lbs/ft²	
Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F	
Minimum pulley diameter	flexing		150	mm	5.91	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**

Manufacturing width

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.

backflexing

standard maximum

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