Technical datasheet

## PVCCON | 2RR/12 AG53 Z/D AS

Article code: SBMD000257



General information								
Product group	Synthetic Belts							
Belt construction								
Tension layer	polyester, RR - extra rigid							
Number of plies		2	2					
Top side	material	PVCCON, PVC	PVCCON, PVC					
	finish	profile, D Delta	profile, D Delta					
	color	Apple green	Apple green					
Bottom side	material	PVCCON, PVC	PVCCON, PVC					
	finish	profile, Z Negativ	e pyramid					
	color	Apple green	Apple green					
Characteristics								
Antistatic (AS)	yes							
ATEX approval	no							
Technical data								
Hardness	ISO 868	top side	72A Shore					
Force at 1% elongation (static)	ISO 21181		12 N/mm	68.52 lbs/in.				

Force at 1% elongation (static)	150 21181		12	N/mm	68.52	ibs/in.
Thickness	AB method KV.002	total	5.30	mm	0.21	in.
		top cover	2.5	mm	0.1	in.
Weight	AB method KV.004		5	kg/m²	1.02	lbs/ft²
Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F
	short	from / to	-15 / 80	°C	5 / 176	°F
Minimum pulley diameter	flexing		500	mm	19.69	in.
	backflexing		400	mm	15.75	in.
Manufacturing width	standard		2362	mm	92.99	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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