

# PVCCON 2R/12 PG50 00/V32

Article code: SBMD000217

## General information

**Product group** Synthetic Belts

## Belt construction

<b>Tension layer</b>		polyester, R-Rigid
<b>Number of plies</b>		2
<b>Top side</b>	<b>material</b>	PVCCON, PVC
	<b>finish</b>	smooth, _-Smooth - Shiny
	<b>color</b>	PG-Petrol Green
<b>Bottom side</b>	<b>material</b>	PVCCON, fabric
	<b>finish</b>	bare fabric
	<b>color</b>	FA-Fabric

## Characteristics

<b>Food Grade (FG)</b>	no
<b>Antistatic (AS)</b>	yes
<b>Flame-retardant (FR)</b>	no
<b>ATEX approval</b>	no

## Technical data

<b>Hardness</b>	ISO 868	top side	46 Shore	
<b>Force at 1% elongation (static)</b>	ISO 21181		13 N/mm	74.23 lbs/in.
<b>Thickness</b>	AB method KV.002	total	5.08 mm	0.2 in.
		top cover	3.048 mm	0.12 in.
<b>Weight</b>	AB method KV.004		6.493 kg/m <sup>2</sup>	1.33 lbs/ft <sup>2</sup>
<b>Operating temperature</b>	continuous	from / to	-10 / 70 °C	14 / 158 °F
<b>Minimum pulley diameter</b>	flexing		60 mm	2.36 in.
	backflexing		120 mm	4.72 in.
<b>Manufacturing width</b>	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 separate 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.