Technical datasheet

General information

PVCCON | 5.2mm Supergrip PG coating

Article code: SBMD000220



Seller al Information								
Product group	Synthetic Belts							
Belt construction								
Number of plies		1	1					
Top side	material	PVCCON, PVC	PVCCON, PVC					
	finish	Embossed, M-Ro	Embossed, M-Rough Top					
	color	PG-Petrol Green	PG-Petrol Green					
Bottom side	material	PVCCON, fabric						
	finish	0	0					
	color	FA-Fabric	FA-Fabric					
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	no							
Flame-retardant (FR)	no							
ATEX approval	no							
Technical data								
Hardness	ISO 868	top side	46	Shore				
Force at 1% elongation (static)	ISO 21181		0.09	N/mm	0.51	lbs/in.		
Thickness	AB method KV.002	total	5.40	mm	0.21	in.		
		top cover	5.2	mm	0.2	in.		
Weight	AB method KV.004		4.4	kg/m²	0.9	lbs/ft²		
Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F		
Minimum pulley diameter	flexing		2	mm	0.08	in		

Minimum pulley diameter flexing 1 0.08 in. backflexing backflexing 0.16 in. Manufacturing width standard 3000 mm 118.11 in.	Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F
Manufacturing width standard 3000 mm 118.11 in.	Minimum pulley diameter	flexing		2	mm	0.08	in.
		backflexing		4	mm	0.16	in.
maximum 3000 mm 118.11 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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