Technical datasheet

Solicord V-belt TPU 85A Sapphire Blue SM FG 6x4



Article code: SCVB000096

General information								
Product group	SoliCord							
Construction								
Material	TPU							
(Top)surface finish	smooth							
Color	Sapphire blue							
Shape	vee							
Execution	solid							
Characteristics								
Food Grade (FG)	yes	yes all foodstuff; all foodstuff						
Antistatic (AS)	no							
ATEX approval	no							
Technical data								
Hardness	ISO 868			88A	Shore			
Working tension				17	daN/cm ²			
Diameter				0	mm	0	in.	
Cross section				0.19	cm²			
Weight				0.023	kg/m	0	lb/ft	
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F	
Minimum pulley diameter				45	mm	1.77	in.	
Coefficient of friction	against steel		dynamic	0,6				
	against PE			0,3				
	against HDPE			0,25				
Manufacturing length	maximum			100000	mm	3937.01	in.	
Fabrication								
Recommended splice types	Butt weld							
Splice equipment		Only use equipment supplied or approved by Ammeraal Beltech.						
Splicing on site	Always first make a test splice to confirm the right settings and proper pre-heating of the equipment.							

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. Keep the belt tension to a practical working minimum for maximum belt and machine life.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.