Technical datasheet

Solicord V-belt TPU 80A Orange SM FG 6x4



Article code: SCVB000124

General information								
Product group	SoliCord							
Construction								
Material	TPU							
(Top)surface finish	smooth							
Color	orange							
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			84A	Shore			
Recommended pre-tension				7	%			
Working tension				15	daN/cm ²			
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				40	mm	1.57	in.	
Coefficient of friction	against steel		dynamic	0,65				
	against PE			0,35				
	against HDPE			0,3				
Manufacturing length	maximum			30000	mm	1181.1	in.	
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Fabrication	Dutter 11							
Recommended splice types		Butt weld						
Splice equipment		Only use equipment supplied or approved by Ammeraal Beltech. Always first make a test splice to confirm the right settings and proper pre-heating of the equipment.						
Splicing on site	Always first mak	te a test splice	e to confirm the	right settings and p	proper pre-heat	ing of the equipme	nt.	

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.

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