Technical datasheet

Solicord V-belt TPU 80A Orange SM FG 10x6



Article code: SCVB000126

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				0.48	cm ²			
Weight				0.06	kg/m	0.01	lb/ft	
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F	
Minimum pulley diameter				55	mm	2.17	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.	
Fabrication								
	Butt wold							
Recommended splice types	Butt weld Only use equipment supplied or approved by Ammeraal Beltech.							
Splice equipment		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	to confirm the	ngnt settings and p	noper pre-hea	iting of the equipme	enc.	

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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