Technical datasheet

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



Article code: SCVB000013

General information							
Product group	SoliCord						
Construction							
Material	TPU						
(Top)surface finish	smooth						
Color	transparent						
Shape	Vee						
Execution	solid						
Characteristics							
Food Grade (FG)	yes	all foodstuff;	all foodstuff				
Antistatic (AS)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868			84A	Shore		
Recommended pre-tension				7	%		
Working tension				18	daN/cm ²		
Diameter				0	mm	0	in.
Cross section				0.48	cm²		
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			50000	mm	1968.5	in.

Recommended splice types Butt weld Splice equipment Only use equipment supplied or approved by Ammeraal Beltech.							
Splice equipment Only use equipment supplied or approved by Ammeraal Beltech.	Fabrication						
	Recommended splice types	Butt weld					
Splicing on site	Splice equipment	Only use equipment supplied or approved by Ammeraal Beltech.					
Always hist make a test spice to commit the right settings and proper pre-neating of the equipment.	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.

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