Technical datasheet

Solicord V-belt TPU 80A Transparent SM FG 32x20



Article code: SCVB000123

General information								
Product group	SoliCord							
Construction								
Material	TPU							
(Top)surface finish	smooth	smooth						
Color	transparent	transparent						
Shape	vee	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				15	daN/cm ²			
Cross section				5	cm²			
Weight				0.62	kg/m	0.13	lb/ft	
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F	
Minimum pulley diameter				220	mm	8.66	in.	
Coefficient of friction	against steel		dynamic	0,65				
	against PE			0,35				
	against HDPE			0,3				
Manufacturing length	maximum			25000	mm	984.25	in.	
Fabrication								
Recommended splice types	Butt weld							

Additional information

Splice equipment

Splicing on site

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.

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.

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

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