Technical datasheet

Solicord Round belt TPU 85A Sapphire Blue SM FG 50



Article code: SCRB000058

Coefficient of friction

Manufacturing length

Splice equipment

Additional inform

Splicing on site

Recommended splice types

Fabrication

General information								
Product group	SoliCord							
Construction								
Material	TPU							
(Top)surface finish	smooth							
Color	Sapphire blue	Sapphire blue						
Shape	Round	Round						
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			
Recommended pre-tension				7	%			
Working tension				18	daN/cm ²			
Diameter				5	mm	0.2	in.	
Cross section				0.197	cm ²			
Weight				0.024	kg/m	0	lb/ft	
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F	
Minimum pulley diameter				45	mm	1.77	in.	

dynamic

0,6

0,3

0,25

Always first make a test splice to confirm the right settings and proper pre-heating of the equipment.

100000 mm

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

against steel

against PE against HDPE

maximum

Butt weld

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