**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 <sup>2</sup>			
Diameter				5	mm	0.2	in.	
Cross section				0.197	cm <sup>2</sup>			
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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