**Technical datasheet** 

## Solicord Round belt TPU 85A Sapphire Blue SM FG 80



Article code: SCRB000060

General information	
Product group	SoliCord
Construction	
Material	TPU
(Top)surface finish	smooth
Color	Sapphire blue
Shape	Round
Execution	solid

Characteristics					
Food Grade (FG)	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/cm²		
Diameter			8	mm	0.31	in.
Cross section			0.5	cm <sup>2</sup>		
Weight			0.06	kg/m	0.01	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			75	mm	2.95	in.
Coefficient of friction	against steel	dynamic	0,6			
	against PE		0,3			
	against HDPE		0,25			
Manufacturing length	maximum		100000	mm	3937.01	in.

Fabrication	
Recommended splice types	Butt weld
Splice equipment	Only use equipment supplied or approved by Ammeraal Beltech.
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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.