**Technical datasheet** 

## **Solicord Round belt TPU 85A Green RO aramid** 127



Article code: SCRB000305

General information	
Product group	SoliCord
Construction	
Material	TPU
(Top)surface finish	Roughened
Color	green
Shape	round
Execution	reinforced
Characteristics	

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	no	
ATEX approval	no	

Technical data						
Hardness	ISO 868		88A	Shore		
Recommended pre-tension			0.5-2	%		
Working tension			18	daN/cm²		
Diameter			12.7	mm	0.5	in.
Cross section			1.23	cm <sup>2</sup>		
Weight			0.124	kg/m	0.03	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			125	mm	4.92	in.
Coefficient of friction	against steel	dynamic	0,45			
	against PE		0,3			
	against HDPE		0,25			
Manufacturing length	maximum		50000	mm	1968.5	in.

Fabrication	
Recommended splice types	overlap
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.

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