

# Solicord Round belt TPU 85A E.Green SM AS 50

Article code: SCRB000049

## General information

<b>Product group</b>	SoliCord
----------------------	----------

## Construction

<b>Material</b>	TPU
<b>(Top)surface finish</b>	smooth
<b>Color</b>	green
<b>Shape</b>	Round
<b>Execution</b>	solid

## Characteristics

<b>Food Grade (FG)</b>	no
<b>Antistatic (AS)</b>	yes
<b>ATEX approval</b>	no

## Technical data

<b>Hardness</b>	ISO 868		88A Shore	
<b>Recommended pre-tension</b>			7 %	
<b>Working tension</b>			18 daN/cm <sup>2</sup>	
<b>Diameter</b>			5 mm	0.2 in.
<b>Cross section</b>			0.197 cm <sup>2</sup>	
<b>Weight</b>			0.024 kg/m	0 lb/ft
<b>Operating temperature</b>	continuous	from / to	-30 / 80 °C	-22 / 176 °F
<b>Minimum pulley diameter</b>			45 mm	1.77 in.
<b>Coefficient of friction</b>	against steel	dynamic	0,6	
	against PE		0,3	
	against HDPE		0,25	
<b>Manufacturing length</b>	maximum		100000 mm	3937.01 in.

## Fabrication

<b>Recommended splice types</b>	Butt weld
<b>Splice equipment</b>	Only use equipment supplied or approved by Ammeraal Beltech.
<b>Splicing on site</b>	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.