

# Solicord Round belt TPU 80A Orange SM FG 50

Article code: SCRB000227

## General information

<b>Product group</b>	SoliCord
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## Construction

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

## Characteristics

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

## Technical data

<b>Hardness</b>	ISO 868		84A Shore	
<b>Recommended pre-tension</b>			7 %	
<b>Working tension</b>			15 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	0,65	
	against PE		0,35	
	against HDPE		0,3	
<b>Manufacturing length</b>	maximum		30000 mm	1181.1 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.