

Solicord Round belt TPU 85A Green SM 50

Article code: SCRB000027

General information

Product group	SoliCord
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Construction

Material	TPU
(Top)surface finish	smooth
Color	green
Shape	Round
Execution	solid

Characteristics

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

Technical data

Hardness	ISO 868		88A Shore	
Recommended pre-tension			7 %	
Working tension			18 daN/cm ²	
Diameter			5 mm	0.2 in.
Cross section			0.197 cm ²	
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.
Coefficient of friction	against steel	dynamic	0,6	
	against PE		0,25	
	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.