

# Solicord Round belt TPU 80A Transparent SM FG 48

Article code: SCRB000216

## General information

Product group	SoliCord
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## Construction

Material	TPU
(Top)surface finish	smooth
Color	transparent
Shape	round
Execution	solid

## Characteristics

Food Grade (FG)	yes	all foodstuff; all foodstuff
Antistatic (AS)	no	
ATEX approval	no	

## Technical data

Hardness	ISO 868		84A Shore	
Recommended pre-tension			7 %	
Working tension			15 daN/cm <sup>2</sup>	
Diameter			4.8 mm	0.19 in.
Cross section			0.181 cm <sup>2</sup>	
Weight			0.022 kg/m	0 lb/ft
Operating temperature	continuous	from / to	-30 / 80 °C	-22 / 176 °F
Minimum pulley diameter			40 mm	1.57 in.
Coefficient of friction	against steel	dynamic	0,65	
	against PE		0,35	
	against HDPE		0,3	
Manufacturing length	maximum		200000 mm	7874.02 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.