Technical datasheet

Solicord Round belt TPU 85A Green RO 180



Article code: SCRB000045

General information						
Product group	SoliCord					
Construction						
Material	TPU					
(Top)surface finish	Roughened					
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			18	mm	0.71	in.
Cross section			2.54	cm²		
Weight			0.31	kg/m	0.06	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			170	mm	6.69	in.
Coefficient of friction	against steel	dynamic	0,45			
	against PE		0,25			
	against HDPE		0,25			
Manufacturing length	maximum		50000	mm	1968.5	in.
Fabrication						
Recommended splice types	Butt weld					
Splice equipment	Only use equipment supplied or approved by Ammeraal Beltech. Always first make a test splice to confirm the right settings and proper pre-heating of the equipment.					
Splicing on site	Always first make a test	splice to confirm the righ	nt settings and p	proper pre-neati	ng of the equipme	nt.

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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