Technical datasheet

Solicord Round belt TPU 90A White SM 50



Article code: SCRB000064

General information

Product group	SoliCord	
Construction		
Material	TPU	
(Top)surface finish	smooth	
Color	white	
Shape	Round	
Execution	solid	

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

Technical data						
Hardness	ISO 868		92A	Shore		
Recommended pre-tension			5	%		
Working tension			25	daN/cm²		
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			55	mm	2.17	in.
Coefficient of friction	against steel	dynamic	0,5			
	against PE		0,3			
	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.

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