**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					
Fechnical data						
Hardness	ISO 868		92A S	Shore		
Recommended pre-tension			5 (	%		
Working tension			25 (	daN/cm²		
Diameter			5 1	mm	0.2	in.
Cross section			0.197	cm²		
Weight			0.024	kg/m	0	lb/ft
Operating temperature	continuous	from / to	-30 / 80 9	°C	-22 / 176	٩F
Minimum pulley diameter			55 ו	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		plied or approved by Amm				
Splicing on site	Always first make a test	splice to confirm the right	settings and pr	roper pre-heatir	ng of the equipme	ent.

## 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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