Technical datasheet

Solicord Round belt TPU 90A White SM 20



Article code: SCRB000310

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/cr	n²	
Diameter			2 mm	0.08	in.
Cross section			0.032 cm ²		
Weight			0.085 kg/m	0.02	lb/ft
Operating temperature	continuous	from / to	-30 / 80 °C	-22 / 176	°F
Minimum pulley diameter			20 mm	0.79	in.
Coefficient of friction	against steel	dynamic	0,5		
	against PE		0,3		
	against HDPE		0,25		
Manufacturing length	maximum		200000 mm	7874.02	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 proper p	re-heating 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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