Technical datasheet

Solicord Round belt TPE 55D Beige SM FG 100



Article code: SCRB000082

General information							
Product group	SoliCord						
Construction							
Material	TPE						
(Top)surface finish	smooth						
Color	beige						
Shape	Round						
Execution	solid						
Characteristics							
Food Grade (FG)	yes	all foodstuff	; all foodstuff				
Antistatic (AS)	no						
ATEX approval	no						
Fechnical data							
Hardness	ISO 868			55D	Shore		
Recommended pre-tension				3	%		
Working tension				50	daN/cm ²		
Diameter				10	mm	0.39	in.
Cross section				0.785	cm²		
Weight				0.094	kg/m	0.02	lb/ft
Operating temperature	continuous		from / to	-30 / 100	°C	-22 / 212	٩F
Minimum pulley diameter				125	mm	4.92	in.
Coefficient of friction	against steel		dynamic	0,35			
	against PE			0,1			
	against HDPE			0,1			
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.						
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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