Technical datasheet

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Solicord Round belt TPU 75A Red SM 30

Article code: SCRB000001



General information							
Product group	SoliCord						
0							
Construction							
Material	TPU						
(Top)surface finish	smooth						
Color Shape	red Round						
Execution	solid						
	3010						
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868		80A	Shore			
Recommended pre-tension			7	%			
Working tension			13	daN/cm²			
Max. allowable tension	(coeff of friction = 0.5)		1.8	daN	4.05	lbf	
Diameter			3	mm	0.12	in.	
Cross section			0.071	cm²			
Weight			0.009	kg/m	0	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	0,7				
	against PE		0,4				
	against HDPE		0,35				
Manufacturing length	maximum		200000	mm	7874.02	in.	
Fabrication							
Recommended splice types	Butt weld	Butt weld					
Splice equipment	Only use equipment supplied	Only use equipment supplied or approved by Ammeraal Beltech.					
Splicing on site	Always first make a test splice	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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