Technical datasheet

Solicord Round belt TPU 80A Orange SM FG 120



Article code: SCRB000234

General information							
Product group	SoliCord						
Construction							
Material	TPU						
(Top)surface finish	smooth						
Color	orange						
Shape	round						
Execution	solid						
Characteristics							
Food Grade (FG)	yes all foodstuff; all foodstuff						
Antistatic (AS)	no						
ATEX approval	no						
Fechnical data							
Hardness	ISO 868			84A	Shore		
Recommended pre-tension				7	%		
Working tension				15	daN/cm ²		
Diameter				12	mm	0.47	in.
Cross section				1.13	cm²		
Weight				0.135	kg/m	0.03	lb/ft
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	٩F
Minimum pulley diameter				110	mm	4.33	in.
Coefficient of friction	against steel		dynamic	0,65			
	against PE			0,35			
	against HDPE			0,3			
Manufacturing length	maximum			30000	mm	1181.1	in.
Fabrication							
Recommended splice types	Butt weld						
Splice equipment	Only use equipment supplied or approved by Ammeraal Beltech. Always first make a test splice to confirm the right settings and proper pre-heating of the equipment.						
Splicing on site	Always first ma	ke a test splice	e to confirm the righ	nt settings and p	proper pre-heatin	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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