Technical datasheet

Solicord Round belt TPU 75A Sky Blue SM FG 70



Article code: SCRB000170

General information							
Product group	SoliCord						
Construction							
Material	TPU						
(Top)surface finish	smooth						
Color	sky blue						
Shape	round						
Execution	solid						
Characteristics							
Food Grade (FG)	yes	yes all foodstuff; all foodstuff					
Antistatic (AS)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868			80A	Shore		
Recommended pre-tension				7	%		
Working tension				12	daN/cm ²		
Diameter				7	mm	0.28	in.
Cross section				0.385	cm²		
Weight				0.047	kg/m	0.01	lb/ft
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter				60	mm	2.36	in.
Coefficient of friction	against steel		dynamic	0,7			
	against PE			0,4			
	against HDPE			0,35			
Manufacturing length	maximum			100000	mm	3937.01	in.
Fabrication							
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Recommended splice types	Butt weld						
Splice equipment Splicing on site	Only use equipment supplied or approved by Ammeraal Beltech.						
spicing 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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