Technical datasheet

Solicord Round TPU 85A Sapphire Blue SM FG 48



Article code: SCRB000251

Construction	
Material	TPU
(Top)surface finish	smooth
Color	Sapphire blue
Shape	round
Execution	solid

Characteristics		
Food Grade (FG)	yes	all foodstuff; all foodstuff
Antistatic (AS)	no	
ATEX approval	no	

Technical data						
Hardness	ISO 868		88A	Shore		
Recommended pre-tension			7	%		
Working tension			17	daN/cm²		
Diameter			4.8	mm	0.19	in.
Cross section			0.181	cm ²		
Weight			0.022	kg/m	0	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			35	mm	1.38	in.
Coefficient of friction	against steel	dynamic	0,45			
	against PE		0,3			
	against HDPE		0,25			
Manufacturing length	maximum		200000	mm	7874.02	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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