Technical datasheet

Solicord Round belt TPE 55D Beige SM FG 95



Article code: SCRB000345

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							
Technical data								
Hardness	ISO 868			55D	Shore			
Recommended pre-tension				2-4	%			
Working tension				50	daN/cm²			
Diameter				9.5	mm	0.37	in.	
Cross section				0.71	cm²			
Weight				0.085	kg/m	0.02	lb/ft	
Operating temperature	continuous		from / to	-30 / 100	°C	-22 / 212	°F	
Minimum pulley diameter				120	mm	4.72	in.	
Coefficient of friction	against steel		dynamic	0,35				
	against PE			0,15				
	against HDPE			0,1				
Manufacturing length	maximum			100000	mm	3937.01	in.	
Fabrication								
Recommended splice types	Butt weld							
Splice equipment		Only use equipment supplied or approved by Ammeraal Beltech.						
Splicing on site	Always first ma	ike a test splice	e to confirm the ri	ight settings and p	proper pre-heat	ing 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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