Technical datasheet

Solicord T-belt TPU 80A Ultra. Blue SM FG 15x5



Article code: SCTB000005

General information							
Product group	SoliCord						
Construction							
Material	TPU						
(Top)surface finish	smooth						
Color	ultra marine blue						
Shape	tee	tee					
Execution	solid	solid					
Characteristics							
Food Grade (FG)	yes	all foodstuff;	; all foodstuff				
Antistatic (AS)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868			84A	Shore		
Recommended pre-tension				5	%		
Working tension				14	daN/cm²		
Cross section				0.4	cm²		
Weight				0.048	kg/m	0.01	lb/ft
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter				50	mm	1.97	in.
Coefficient of friction	against steel		dynamic	0,65			
	against PE			0,35			
	against HDPE			0,3			
Manufacturing length	maximum			50000	mm	1968.5	in.
Fabrication							

Recommended splice types But	tt weld
Splice equipment Onl	ly use equipment supplied or approved by Ammeraal Beltech.
Splicing on site Alw	ways 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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