Technical datasheet

Solicord T-belt TPU 80A Orange SM FG 14.3x7.5

Article code: SCTB000006

General information

Product group	SoliCord

Construction

Material	TPU
(Top)surface finish	smooth
Color	orange
Shape	tee
Execution	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			0.72	cm²		
Weight			0.087	kg/m	0.02	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			85	mm	3.35	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.
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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