Technical datasheet

Solicord V-belt TPE 55D Blue SM FG 17x11

Article code: SCVB000025

General information

Product group	SoliCord

Construction

Material	TPE
(Top)surface finish	smooth
Color	blue
Shape	Vee
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			3	%		
Working tension			50	daN/cm²		
Diameter			0	mm	0	in.
Cross section			1.46	cm²		
Weight			0.18	kg/m	0.04	lb/ft
Operating temperature	continuous	from / to	-30 / 100	°C	-22 / 212	°F
Minimum pulley diameter			160	mm	6.3	in.
Coefficient of friction	against steel	dynamic	0,35			
	against PE		0,15			
	against HDPE		0,1			
Manufacturing length	maximum		50000	mm	1968.5	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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