Technical datasheet

Arcon EF 16/2 10+20 white M1 AS FR FG



Article code: SBAR579259

General information								
Product group	Synthetic Belts	Synthetic Belts						
Industry segment	Food: Sugar; C	Food: Sugar; Chemicals, rubber & plastics: Detergents & cleaners						
Main product feature	Antistatic, Flam	Antistatic, Flame retardant, Foodgrade						
Indication of use	Slider bed, Roll	Slider bed, Rollers, Flat, Troughed						
Belt construction								
Tension layer		polyester, flexible						
Number of plies		2						
Top side	material	Arcon, PVC						
	finish	smooth, M1	smooth, M1 Fine matt finish					
	color	white	white					
Bottom side	material	Arcon, PVC						
	finish	matt, M1 Fin	matt, M1 Fine matt finish					
	color	white	white					
Characteristics								
Food Grade (FG)	yes	EC 1935/200	4, EU 10/2011; FDA					
Antistatic (AS)	yes	ISO 21178						
High conductive (HC)	no							
Flame-retardant (FR)	yes	ISO 340						
ATEX approval	yes	ATEX II - KEMA 05ATEX2164 U						
Technical data								
Hardness	ISO 868		top side	85A	Shore			
Force at 1% elongation	ISO 21181			16	N/mm	91.36	lbs/in.	
Thickness	AB method KV.	002	total	5	mm	0.2	in.	
			top cover	2	mm	0.08	in.	
Weight	AB method KV.	004		6.5	kg/m²	1.33	lbs/ft²	
Operating temperature	continuous		from / to	-10 / 70	°C	14 / 158	°F	
	short		from / to	-15 / 80	°C	5 / 176	°F	
Minimum pulley diameter	flexing			140	mm	5.51	in.	
	backflexing			190	mm	7.48	in.	
Manufacturing width	standard			2400	mm	94.49	in.	

Fabrication

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

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.

We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.

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