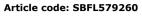
Technical datasheet

Flexam EF 3/1 02+04 green AS FG





General information					
Product group	Synthetic Belts	Synthetic Belts			
Belt construction					
Tension layer		polyester, flex	polyester, flexible		
Number of plies		1	1		
Top side	material	Flexam, PVC	Flexam, PVC smooth, glossy		
	finish	smooth, gloss			
	color	green			
Bottom side	material	Flexam, PVC			
	finish	matt			
	color	green	green		
Characteristics					
Food Grade (FG)	yes		EC 1935/2004, EU 10/2011; FDA		
Antistatic (AS)	yes	ISO 21178	ISO 21178		
High conductive (HC)	no				
Flame-retardant (FR)	no				
ATEX approval	no				
Technical data					
Hardness	ISO 868	top side	80A Shore		
Force at 1% elongation (static)	ISO 21181		3 N/mm	17.13 lbs/in.	
Thickness	AB method KV.002	total	1.20 mm	0.05 in.	
147 - 1 - 1 - 1		top cover	0.40 mm	0.02 in.	
Weight	AB method KV.004	c ()	1.2 kg/m ²	0.25 lbs/ft ²	
Operating temperature	continuous	from / to	-15 / 80 °C	5 / 176 °F	
	short	from / to	-15 / 100 °C	5 / 212 °F	
Minimum pulley diameter	flexing		15 mm	0.59 in.	
	backflexing		15 mm	0.59 in.	
Manufacturing width	standard		2020 mm	79.53 in.	
	maximum		2020 mm	79.53 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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