Technical datasheet

Flexam SW120 01+07 white FG

Ammeraal Beltech

Article code: SBAS589566

General information					
Product group	Synthetic Belts	Synthetic Belts			
Industry segment	Logistics: Distribution & warehousing				
Main product feature	Impact resistant, Low f	Impact resistant, Low friction back side, Foodgrade			
Indication of use	Flat, Slider bed, Rollers	Flat, Slider bed, Rollers			
Belt construction					
Tension layer		polyester spun, flexible			
Number of plies		1	1		
Top side	material	Flexam, PVC	Flexam, PVC		
	finish	smooth, glossy	smooth, glossy		
	color	white	white		
Bottom side	material	Flexam, PVC	Flexam, PVC		
	finish	impregnated fab	impregnated fabric		
	color	white			
Characteristics					
Food Grade (FG)	yes	FDA			
Antistatic (AS)	no				
High conductive (HC)	no				
Flame-retardant	no				
	yes	ASTM D-378			
ATEX approval	no				
Technical data					
Hardness	ISO 868	top side	80A Shore		
Force at 1% elongation (static)	ISO 21181		14 N/mm	79.94 lbs/in.	
Thickness	AB method KV.002	total	3.20 mm	0.13 in.	
		top cover	0.70 mm	0.03 in.	
Weight	AB method KV.004		3.8 kg/m ²	0.78 lbs/ft ²	
Coefficient of friction	bottom against steel	dynamic	0.3		
		static	0.4		
Operating temperature	continuous	from / to	-10 / 100 °C	14/212 °F	
	short	from / to	-10 / 80 °C	14/176 °F	
Minimum pulley diameter	flexing		50 mm	1.97 in.	
	backflexing		75 mm	2.95 in.	
Manufacturing width	standard		2000 mm	78.74 in.	
	maximum		2000 mm	78.74 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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