Technical datasheet

General information

Flexam EC/M 8/2 00+A22 black AS HC LE

Article code: SBFL578353



General information						
Product group	Synthetic Belts	Synthetic Belts				
Industry segment	Sports & leisure: Treadmills					
Main product feature	Antistatic, High cond	Antistatic, High conductivity, Heat resistant, Low noise				
Indication of use	Slider bed, Flat	Slider bed, Flat				
Belt construction						
Tension layer		polyester/cotton, stable				
Number of plies		2				
Top side	material	Flexam, PVC	Flexam, PVC			
	finish	profile, A22 Sar	profile, A22 Sandblast (medium) profile			
	color	black	black			
	finish	impregnated fa	impregnated fabric			
	color	natural				
Characteristics						
Food Grade (FG)	no					
Antistatic (AS)	yes	ISO 21178				
High conductive (HC)	yes	ISO 284				
Flame-retardant (FR)	no					
ATEX approval	no					
Technical data						
Hardness	ISO 868	top side	80A Shor			
Force at 1% elongation (static)	ISO 21181		8 N/mr	n 45.68	lbs/in.	
Thickness	AB method KV.002	total	2.2 mm	0.09		
		top cover	0.65 mm	0.03	in.	
Weight	AB method KV.004		2.2 kg/m		lbs/ft²	
Operating temperature	continuous	from / to	-15 / 80 °C	5 / 176	°F	
	short	from / to	-15 / 100 °C	5 / 212	°F	
Minimum pulley diameter	flexing		40 mm	1.57	in.	
	backflexing		50 mm	1.97	in.	
Manufacturing width	standard		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.

2050 mm

80.71 in.

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.

maximum

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