Technical datasheet

## Flexam EX 10/2 0+05 black M2 AS HC FR



Article code: SBFL589519

General information							
Product group	Synthetic Belts	Synthetic Belts					
Main product feature	Antistatic, High conductivity, Flame retardant, Low noise						
Indication of use	Slider bed, Rollers, Fla	Slider bed, Rollers, Flat					
Belt construction							
Tension layer		polyester, stabl	e				
Number of plies		2					
Top side	material	Flexam, PVC	Flexam, PVC				
	finish	smooth, M2 Ma	smooth, M2 Matt finish				
	color	black	black				
Bottom side	material	fabric, polyeste	fabric, polyester				
	finish	bare fabric	bare fabric				
	color	natural	natural				
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	yes	ISO 21178					
High conductive (HC)	yes	ISO 284					
Flame-retardant	yes	ISO 340	ISO 340				
	no						
ATEX approval	no						
Taskainal data		· · · · · · · · · · · · · · · · · · ·					
Technical data	100.000	ton side	004	Chana			
Hardness	ISO 868	top side		Shore	E7 1	lbc/in	
Force at 1% elongation (static) Thickness	ISO 21181 AB method KV.002	total	2.50	N/mm	0.1	lbs/in.	
Inickness	AD METHOU KV.002	total					
Waiaht	AB mothed KV 004	top cover	0.50		0.02		
Weight	AB method KV.004	from / to		kg/m²		lbs/ft² ॰⊏	
Operating temperature	continuous	from / to	-15 / 80		5 / 176		
Minimum nullov dismotor	short	from / to	-15 / 100		5 / 212		
Minimum pulley diameter	flexing			mm	2.36		
	backflexing		80	mm	3.15		
Manufacturing width	standard		2000		78.74	1	

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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