Technical datasheet

Flexam EX 10/2 00+07 black M2 AS FR /AMD



Article code: SBFL574241

General information					
Product group	Synthetic Belts				
Industry segment	Airports; Logistics: Distribution & warehousing				
Main product feature	Antistatic, Flame retardant, Low noise, Energy saving				
Indication of use	Flat, Rollers, Slider be	Flat, Rollers, Slider bed			
Belt construction					
Tension layer		polyester, stable			
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	Ropanol, PUR	Ropanol, PUR		
	finish	impregnated fal	impregnated fabric		
	color	transparent			
Characteristics					
Food Grade (FG)	no				
Antistatic (AS)	yes	ISO 21178			
High conductive (HC)	no				
Flame-retardant	yes	ISO 340			
	no				
ATEX approval	no				
Technical data					
	100.969	ton cida	004 Chara		
Hardness	ISO 868	top side	90A Shore 10 N/mm	EZ 1 lbc/in	
Force at 1% elongation (static)	ISO 21181			57.1 lbs/in.	
Elastic modulus (k1% relaxed) Thickness	ISO 21181	total	6.5 N/mm	37.12 lbs/in.	
INICKNESS	AB method KV.002	total	2.30 mm 0.70 mm	0.09 in. 0.03 in.	
Waiaht	AB method KV.004	top cover			
Weight Coefficient of friction		dunamia	2.7 kg/m ²	0.55 lbs/ft ²	
Coefficient of friction	bottom against steel	dynamic	0.17		
	top against steel	static dynamic	0.35		
	top against steel	static	0.45		
Operating temperature	continuous	from / to	-15 / 80 °C	5/176 °F	
operating temperature	short	from / to	-15 / 100 °C	5 / 212 °F	
Minimum pulley diameter	flexing		-13 / 100 °C 70 mm	2.76 in.	
minum paney diameter	backflexing		90 mm	3.54 in.	
Manufacturing width	standard		2020 mm	79.53 in.	
	maximum		2020 mm	79.53 in.	
	Παλιπμπ		2020 11111	75.55 111.	

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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