Technical datasheet

Flexam EX 10/2 0+A32 black AS

Article code: SBVL589606



General information							
Product group	Synthetic Belts						
Main product feature	Antistatic						
Indication of use	Flat, Rollers, Slider bed						
Belt construction							
Tension layer		polyes	ter, stable				
Number of plies		2	2				
Top side	material	material Flexam, PVC					
	finish	finish profile, A32 Fine rib profile					
	color	black	black				
Bottom side	material	polyes	polyester				
	finish	bare f	bare fabric				
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	yes	ISO 2	1178				
High conductive (HC)	no						
	yes	ASTM	ASTM D-378				
ATEX approval	no						
Technical data							
Hardness	ISO 868	top side		55A	Shore		
Force at 1% elongation (static)	ISO 21181			10	N/mm	57.1	lbs/in.
Elastic modulus (k1% relaxed)	ISO 21181			6.5	N/mm	37.12	lbs/in.
Thickness	AB method KV.002	total		2.60	mm	0.1	in.
		top cover		1.00	mm	0.04	in.
Weight	AB method KV.004			2.6	kg/m²	0.53	lbs/ft²
Coefficient of friction	bottom against steel	dynamic		0.15			
		static		0.17			
Operating temperature	continuous	from / to		-10 / 80	°C	14 / 176	°F
	short	from / to		-10 / 100	°C	14 / 212	°F
Minimum pulley diameter	flexing			50	mm	1.97	in.
	backflexing			80	mm	3.15	in.
Manufacturing width	standard			3000	mm	118.11	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.

3000 mm

maximum

118.11 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.

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