Technical datasheet

## Flexam EX 8/2 00+A21 black AS FR



Article code: SBRP0649P2

General information							
Product group	Synthetic Belts						
Main product feature	Antistatic, Flame retardant						
Indication of use	Slider bed, Rollers, Flat						
Belt construction							
Tension layer	polyester, stable						
Number of plies		2					
Top side	material	Flexam, PVC					
	finish	profile, A21	profile, A21 Fine diamond profile				
	color	black	black				
Bottom side	material	fabric, PUR					
	finish	impregnate	impregnated fabric				
	color	natural					
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	yes	es ISO 21178					
High conductive (HC)	no						
Flame-retardant	yes	ISO 340					
	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868		top side	45A	Shore		
Force at 1% elongation (static)	ISO 21181			8	N/mm	45.68	lbs/in.
Thickness	ickness AB method KV.002		total	2.00	mm	0.08	in.
			top cover	0.30	mm	0.01	in.
Weight	AB method KV.004			2.2	kg/m²	0.45	lbs/ft <sup>2</sup>
Operating temperature	continuous		from / to	-15 / 80	°C	5 / 176	°F
	short		from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameter	flexing			30	mm	1.18	in.
	backflexing			40	mm	1.57	in.
Manufacturing width	standard			2020	mm	79.53	in.
	maximum			2020	mm	79.53	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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