Technical datasheet

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## Flexam EX 10/2 0+01 black AS FR IR

## Article code: SBFL589501



General information								
Product group	Synthetic Belts							
Industry segment	Airports; Logistics	Airports; Logistics						
Main product feature	Antistatic, Flame retarda	Antistatic, Flame retardant, Impact resistant, Low noise						
Indication of use	Slider bed, Rollers, Flat							
Belt construction								
Tension layer		polyester, stable						
Number of plies		2						
Top side	material	Flexam, PVC						
	finish	impregnated fabric						
	color	black						
Bottom side	material	polyester						
	finish	bare fabric						
	color	natural						
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								
Force at 1% elongation (static)	ISO 21181		10 N/mm	57.1 lbs/in.				

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Thickness	AB method KV.002	total	3.60	mm	0.14	in.
		top cover	0.10	mm	0	in.
Weight	AB method KV.004		4	kg/m²	0.82	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		80	mm	3.15	in.
	backflexing		120	mm	4.72	in.
Manufacturing width	standard		3000	mm	118.11	in.
	maximum		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.

## **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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