

Flexam EX 10/2 0+A32 black AS FR



Article code: SBFL578812

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	Slider bed, Rollers, Flat

Belt construction

Tension layer		polyester, stable
Number of plies		2
Top side	material	Flexam, PVC
	finish	profile, A32 Fine rib profile
	color	black
Bottom side	material	fabric, polyester
	finish	bare fabric
	color	natural

Characteristics

Food Grade (FG)	no
Anti-static (AS)	yes
Flame-retardant (FR)	yes

Technical data

Hardness	according to ISO 868	top side	40A Shore	
Force at 1% elongation	according to ISO 21181		10 N/mm	57.1 lbs/in.
Thickness	internal AB method KV.002	total	2.8 mm	0.11 in.
		top cover	1 mm	0.04 in.
Weight	internal AB method KV.004		2.9 kg/m ²	0.59 lbs/ft ²
Coefficient of friction	bottom against steel	dynamic	0.24	
		static	0.27	
	top against steel	dynamic	1.62	
		static	1.57	
Operating temperature	continuous	from/to	-15 / 80 °C	5 / 176 °F
	short	from/to	-15 / 100 °C	5 / 212 °F
Minimum pulley diameter	flexing		50 mm	1.97 in.
	backflexing		80 mm	3.15 in.
Belt width	standard		2020 mm	79.53 in.
	maximum		2150 mm	84.65 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 separate information.

Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F) and 50% relative humidity, 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.

Do not go below the initial elongation. Install the belt and tension until running perfectly under the full belt load.

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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