Technical datasheet

Flexam EF 10/2 0+10 black M2 AS FR

Article code: SBFL570551



General Information	
Product group	Synthetic Belts
Industry segment	Airports; Logistics: Distribution & warehousing
Main product feature	Antistatic, Flame retardant
Indication of use	Slider bed, Rollers, Flat

Belt construction

Tension layer		polyester, flexible
Number of plies		2
Top side	material	Flexam, PVC
	finish	smooth, M2 Matt finish
	color	black
Bottom side	material	fabric, 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		

ISO 868	top side	80A	Shore		
ISO 21181		6	N/mm	34.26	lbs/in.
ISO 21181		4	N/mm	22.84	lbs/in.
AB method KV.002	total	2.50	mm	0.1	in.
	top cover	0.90	mm	0.04	in.
AB method KV.004		3.3	kg/m²	0.68	lbs/ft²
bottom against steel	dynamic	0.19			
	static	0.22			
top against steel	dynamic	0.4			
	static	0.5			
continuous	from / to	-15 / 80	°C	5 / 176	°F
short	from / to	-15 / 100	°C	5 / 212	°F
flexing		60	mm	2.36	in.
backflexing		100	mm	3.94	in.
standard		3200	mm	125.98	in.
maximum		3200	mm	125.98	in.
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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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