Technical datasheet

Flexam EX 15/3 0+10 black M2 AS FR

Article code: SBFL513284



General information									
Product group	Synthetic Belts								
Industry segment	Airports; Logistics: Distribution & warehousing								
Main product feature	Antistatic, Flame retardant, Low noise								
Indication of use	Slider bed, Rollers, Flat								
Belt construction									
Tension layer	polyester, stable								
Number of plies		3	3						
Top side	material	material Flexam, PVC							
	finish	smooth, glossy	smooth, glossy						
	color	black	black						
Bottom side	material	fabric, polyester	fabric, polyester						
	finish	bare fabric	bare fabric						
	color	natural							
Characteristics									
Food Grade (FG)	no								
Antistatic (AS)	yes	ISO 21178							
High conductive (HC)	no								
Flame-retardant	yes	ISO 340	ISO 340						
	no								
ATEX approval	no								
Technical data									
Hardness	ISO 868	top side	80A	Shore					
Force at 1% elongation (static)	ISO 21181		15	N/mm	85.65	lbs/in.			
Thickness	AB method KV.002	total	3.90	mm	0.15	in.			

Thickness	AB method KV.002	total	3.90	mm	0.15	in.
		top cover	1.00	mm	0.04	in.
Weight	AB method KV.004		5.2	kg/m²	1.07	lbs/ft²
Coefficient of friction	bottom against steel	dynamic	0.15			
		static	0.17			
	top against steel	dynamic	0.4			
		static	0.5			
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	short	from / to	-15 / 110	°C	5 / 230	°F
Minimum pulley diameter	flexing		100	mm	3.94	in.
	backflexing		120	mm	4.72	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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