Technical datasheet

General information

Elastoflex EM 10/2 0+P6 beige AS

Article code: SBEF514125



General Information							
Product group	Synthetic Belts	Synthetic Belts					
Industry segment	Container & packaging	Container & packaging; Logistics					
Main product feature	Antistatic, Thermoplas	Antistatic, Thermoplastic, High grip, Abrasion resistant					
Indication of use	Slider bed, Rollers, Fla	Slider bed, Rollers, Flat					
Belt construction							
Tension layer		polyester, stable					
Number of plies		2					
Top side	material	Elastoflex, RP					
	finish	profile, P6 Grip face profile					
	color	beige					
Bottom side	material	fabric, polyester					
	finish	bare fabric					
	color	natural					
Characteristics							

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data

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Hardness	ISO 868	top side	65A	Shore		
Force at 1% elongation (static)	ISO 21181		10	N/mm	57.1	lbs/in.
Thickness	AB method KV.002	total	6.7	mm	0.26	in.
		top cover	4.2	mm	0.17	in.
Weight	AB method KV.004		5	kg/m²	1.02	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		60	mm	2.36	in.
	backflexing		80	mm	3.15	in.
Manufacturing width	standard		2000	mm	78.74	in.
	maximum		2000	mm	78.74	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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