Technical datasheet

Flexam EM 10/2 A18+07 green FG



Article code: SBFL570950

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General information						
Product group	Synthetic Belt	Synthetic Belts				
Industry segment	Agriculture; B	Agriculture; Building materials: Insulation				
Main product feature	Foodgrade	Foodgrade				
Indication of use	Slider bed, Ro	Slider bed, Rollers, Flat				
Belt construction						
Tension layer		polyester, stable				
Number of plies		2				
Top side	material	Flexam, PVC				
	finish	smooth, glossy				
	color	green				
Bottom side	material	Flexam, PVC				
	finish	profile, A18 Fine square profile				
	color	green				
Characteristics						
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA				
Antistatic (AS)	no					
High conductive (HC)	no					
ATEX approval	no					
The sheet and sheets						

ISO 868	top side	80A	Shore		
ISO 21181		10	N/mm	57.1	lbs/in.
AB method KV.002	total	3.20	mm	0.13	in.
	top cover	0.70	mm	0.03	in.
AB method KV.004		3	kg/m²	0.61	lbs/ft ²
continuous	from / to	-15 / 80	°C	5 / 176	°F
short	from / to	-15 / 100	°C	5 / 212	°F
flexing		50	mm	1.97	in.
backflexing		80	mm	3.15	in.
standard		2020	mm	79.53	in.
maximum		3000	mm	118.11	in.
	ISO 21181 AB method KV.002 AB method KV.004 continuous short flexing backflexing standard	ISO 21181 total AB method KV.002 total top cover AB method KV.004 from / to short flexing backflexing standard	ISO 21181 10 AB method KV.002 total 3.20 top cover 0.70 AB method KV.004 3 continuous from / to -15 / 80 short from / to -15 / 100 flexing 50 backflexing 80 standard 2020	ISO 21181 10 N/mm AB method KV.002 total 3.20 mm top cover 0.70 mm AB method KV.004 73 kg/m² continuous from / to -15 / 80 °C short from / to -15 / 100 °C flexing 50 mm backflexing 80 mm	ISO 21181 Image: Market of the state of the

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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