Technical datasheet

Flexam EM 12/2 0+13 dark green AS

Article code: SBMD000196



General information						
Product group	Synthetic Belts					
Industry segment	General industry					
Main product feature	Antistatic					
Indication of use	Flat, Rollers, Slider bed	Flat, Rollers, Slider bed				
Belt construction						
Tension layer		polyester, stable	2			
Number of plies		2				
Top side	material	Flexam, PVC	Flexam, PVC			
	finish	smooth, glossy	smooth, glossy			
	color	dark green				
Bottom side	material	fabric, polyester	fabric, polyester			
	finish	bare fabric	bare fabric			
	color	natural				
Characteristics						
Food Grade (FG)	no					
Antistatic (AS)	yes	ISO 21178				
Technical data						
Hardness	ISO 868	top side		Shore		
Force at 1% elongation (static)	ISO 21181		12	N/mm	68.52	lbs/in.
Thickness	AB method KV.002	total	3.00	mm	0.12	in.
		top cover	1.3	mm	0.05	in.
Weight	AB method KV.004		3.4	kg/m²	0.7	lbs/ft ²
Operating temperature	continuous	from / to	-10 / 70	°C	14 / 158	°F
	short	from / to	-10 / 70	°C	14 / 158	°F
Minimum pulley diameter	flexing		80	mm	3.15	in.
	backflexing		100	mm	3.94	in.
Manufacturing width	standard		3000	mm	118.11	in.
	maximum		3000	mm	118.11	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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