Technical datasheet

Excon EM 12/2 0+13 white AS FG

Article code: SBMD000199



General information					
Product group	Synthetic Belts	Synthetic Belts			
Industry segment	General industry				
Main product feature	Antistatic, Foodgrade, Oil & grease resistant				
Indication of use	Flat, Rollers, Slider bec	Flat, Rollers, Slider bed			
Belt construction					
Tension layer		polyester, stable			
Number of plies			2		
Top side	material	Excon, PVC			
	finish	smooth, glossy			
	color	white			
Bottom side	material	fabric, polyester			
	finish	bare fabric			
	color	natural			
a					
Characteristics					
Food Grade (FG)	yes		EC 1935/2004, EU 10/2011; FDA		
Antistatic (AS)	yes	ISO 21178	ISO 21178		
Technical data					
Hardness	ISO 868	top side	72A Shore		
Force at 1% elongation (static)	ISO 21181	top side	12 N/mm	68.52 lbs/in.	
Thickness	AB method KV.002	total	3.00 mm	0.12 in.	
····caness		top cover	1.3 mm	0.05 in.	
Weight	AB method KV.004		3.4 kg/m ²	0.7 lbs/ft ²	
Operating temperature	continuous	from / to	-10 / 70 °C	14 / 158 °F	
operating temperature	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.	
Handracturing width	maximum		3000 mm	118.11 in.	
	maximum		5000 1111	110.11	

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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