Technical datasheet

## Excon EM 12/2 00+R18 white FG

Article code: SBMD000064



General information						
Product group	Synthetic Belts	Synthetic Belts				
Industry segment	Food					
Main product feature	Foodgrade, Oil & grease	Foodgrade, Oil & grease resistant				
Indication of use	Flat, Rollers, Slider bed	Flat, Rollers, Slider bed				
Belt construction						
Tension layer		polyester, stable				
Number of plies		2				
Top side	material	rial Excon, PVC				
	finish	profile, R18 Sa	profile, R18 Saw tooth			
	color	white	white			
Bottom side	material	Ropanol, PUR	Ropanol, PUR			
	finish	impregnated fa	impregnated fabric			
	color	natural	natural			
Characteristics						
Food Grade (FG)	yes	EC 1935/2004,	EC 1935/2004, EU 10/2011; FDA			
Antistatic (AS)	no					
Technical data						
Hardness	ISO 868	top side	55A Shore			
Force at 1% elongation (static)	ISO 21181		12 N/mm	68.52	lbs/in.	
Thickness	AB method KV.002	total	5.00 mm	0.2	in.	
		top cover	3.30 mm	0.13	in.	
Weight	AB method KV.004		5 kg/m²	1.02	lbs/ft <sup>2</sup>	
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		110 mm	4.33	in.	
Manufacturing width	standard		3000 mm	118.11	in.	
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## 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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