**Technical datasheet** 

## Amtel ESM 8/2 0+03 ivory M2 AS FG



Article code: SBAM577761

General information

General information										
Product group	Synthetic Belts									
Industry segment	Food; Tobacco; Chemicals, rubber & plastics									
Main product feature	Antistatic, Foodgrade									
Indication of use	Slider bed, Rollers, Flat									
Belt construction										
Tension layer		polyester spun, stable								
Number of plies		2								
Top side	material	Amtel, TPE-E								
	finish	sh smooth, M2 Matt finish								
	color	ivory								
Bottom side	material fabric, polyester									
	finish	bare fabric								
	color	natural								
	COIOI	Haturai								
Characteristics										
Food Grade (FG)	yes	EC 1035/20								
Antistatic (AS)		EC 1935/2004, EU 10/2011; FDA								
. ,	yes	ISO 21178								
High conductive (HC)	no									
ATEX approval	yes	ATEX II - KEMA 05ATEX2164 U								
Technical data										
Hardness	ISO 868		top side	40D	Shore					
Force at 1% elongation (static)	ISO 21181		,		N/mm	45.68	lbs/in.			
Thickness	AB method KV.002		total		mm	0.08				
		-	top cover		mm	0.01				
Mainh	AR mothed K// 00				11111 kg/m2		lli.			

		top cover	0.3	mm	0.01	ın.
Weight	AB method KV.004		2.3	kg/m²	0.47	lbs/ft <sup>2</sup>
Operating temperature	continuous	from / to	-20 / 110	°C	-4 / 230	°F
	short	from / to	-20 / 130	°C	-4 / 266	°F
Minimum pulley diameter	flexing		40	mm	1.57	in.
	backflexing		60	mm	2.36	in.
Manufacturing width	standard		2000	mm	78.74	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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