**Technical datasheet** 

## Amtel EM05 12/3 045+045 ivory AS FG





General information								
Product group	SYNTHETIC BEL	SYNTHETIC BELTS						
Delt and the state								
Belt construction								
Tension layer		polyester, ex	tra-stable					
Number of plies		3	3					
Top side	material	Amtel, TPE-E	Amtel, TPE-E					
	finish	glossy	glossy					
	color	ivory	ivory					
Bottom side	material	Amtel, TPE-E						
	finish	MATT, M2 Ma	MATT, M2 Matt finish					
	color	ivory	ivory					
Characteristics								
Food Grade (FG)	yes	yes ALL FOODST						
Antistatic (AS)	yes							
Flame-retardant (FR)	no							
Technical data								
Hardness	ISO 868		top side		Shore			
Force at 1% elongation		ISO 21181			N/mm		lbs/in.	
Thickness	AB method KV.0	002	total	3.75		0.15		
			top cover from / to	0.45		0.02		
Operating temperature	continuous			-20 / 110		-4 / 230		
	short			-20 / 130		-4 / 266		
Minimum pulley diameter	flexing				mm	11.81		
	backflexing	backflexing			mm	11.81		
Manufacturing width	standard			2.000	mm	0.08	in.	
	maximum	maximum		3.000	mm	0.12	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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