

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

Article code: SBAM515109

## General information

**Product group** SYNTHETIC BELTS

## Belt construction

<b>Tension layer</b>		polyester, extra-stable
<b>Number of plies</b>		3
<b>Top side</b>	<b>material</b>	Amtel, TPE-E
	<b>finish</b>	glossy
	<b>color</b>	ivory
<b>Bottom side</b>	<b>material</b>	Amtel, TPE-E
	<b>finish</b>	MATT, M2 Matt finish
	<b>color</b>	ivory

## Characteristics

<b>Food Grade (FG)</b>	yes	ALL FOODSTUFFNo
<b>Antistatic (AS)</b>	yes	
<b>Flame-retardant (FR)</b>	no	

## Technical data

<b>Hardness</b>	ISO 868	top side	40D Shore	
<b>Force at 1% elongation</b>	ISO 21181		12 N/mm	68.52 lbs/in.
<b>Thickness</b>	AB method KV.002	total	3.75 mm	0.15 in.
		top cover	0.45 mm	0.02 in.
<b>Operating temperature</b>	continuous	from / to	-20 / 110 °C	-4 / 230 °F
	short	from / to	-20 / 130 °C	-4 / 266 °F
<b>Minimum pulley diameter</b>	flexing		300 mm	11.81 in.
	backflexing		300 mm	11.81 in.
<b>Manufacturing width</b>	standard		2.000 mm	0.08 in.
	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 separate information.

## 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 separate 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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.