

Amtel EM05 12/3 045+045 ivory AS FG

Article code: SBAM515109

General information

Product group SYNTHETIC BELTS

Belt construction

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

Characteristics

Food Grade (FG)	yes	ALL FOODSTUFFNo
Antistatic (AS)	yes	
Flame-retardant (FR)	no	

Technical data

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

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.