



Polikleen ESM 10/2 00+02 white M1 AS FG

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Article code: SBRP0250E2

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General information

Product group	Synthetic Belts
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Belt construction

Tension layer		polyester spun, stable
Tension layer		polyester spun, stable
Number of plies		2
Number of plies		2
Top side	material	Polikleen, PP
Top side	material	Polikleen, PP
	finish	smooth, M1 Fine matt finish
	finish	smooth, M1 Fine matt finish
	color	white
	color	white
Bottom side	material	Polikleen, PP
Bottom side	material	Polikleen, PP
	finish	impregnated fabric
	finish	impregnated fabric
	color	white
	color	white

Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 21178
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
High conductive (HC)	no	
ATEX approval	no	
ATEX approval	no	

Technical data

Hardness	ISO 868	top side	30D Shore		
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Force at 1% elongation (static)	ISO 21181		10 N/mm	57.1	lbs/in.
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Thickness	AB method KV.002	total	1.3 mm	0.05	in.
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		top cover	0.2 mm	0.01	in.
		top cover	0.2 mm	0.01	in.
Weight	AB method KV.004		1.3 kg/m ²	0.27	lbs/ft ²
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Operating temperature	continuous	from / to	-20 / 110 °C	-4 / 230 °F
Operating temperature	continuous	from / to	-20 / 110 °C	-4 / 230 °F
	short	from / to	-25 / 120 °C	-13 / 248 °F
	short	from / to	-25 / 120 °C	-13 / 248 °F
Minimum pulley diameter	flexing		10 mm	0.39 in.
Minimum pulley diameter	flexing		10 mm	0.39 in.
	backflexing		15 mm	0.59 in.
	backflexing		15 mm	0.59 in.
Manufacturing width	standard		2020 mm	79.53 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.
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For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.
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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.
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We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.
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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.
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For details consult 'Storage and handling instructions' or contact our specialist.
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