Technical datasheet

PVC ESF 13/3 01+10 white FG

Article code: SBAS040083



General information							
Product group	Synthetic Belts	Synthetic Belts					
Main product feature	Foodgrade	Foodgrade					
Indication of use	Flat, Rollers, Trough	Flat, Rollers, Troughed, Slider bed					
Belt construction							
Tension layer		polyester, flexible					
Number of plies		3					
Top side	material	PVC, PVC					
	finish	smooth, glossy					
	color	white					
Bottom side	material	PVC, PVC					
	finish	impregnated fabric					
	color	white					
Characteristics							
Food Grade (FG)	yes						
Antistatic (AS)	no						
High conductive (HC)	no						
Flame-retardant (FR)	no						
ATEX approval	no						
Technical data							

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Force at 1% elongation (static)	ISO 21181		13	N/mm	74.23	lbs/in.
Thickness	AB method KV.002	total	3.5	mm	0.14	in.
		top cover	1	mm	0.04	in.
Weight	AB method KV.004		4.1	kg/m²	0.84	lbs/ft²
Operating temperature	continuous	from / to	-18 / 74	°C	-0.4 / 165.2	°F
	short	from / to	-18 / 74	°C	-0.4 / 165.2	°F
Minimum pulley diameter	flexing		100	mm	3.94	in.
	backflexing		50	mm	1.97	in.
Manufacturing width	standard		1828.8	mm	72	in.
	maximum		1828.8	mm	72	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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