Technical datasheet

Ropanyl ESF 3/1 00+04 white FG

Article code: SBCP0337U1



General information						
Product group	Synthetic Belts	Synthetic Belts				
Industry segment	Food; Confectionary & candy, Bakery					
Main product feature	Foodgrade	Foodgrade				
Indication of use	Flat, Rollers, Troughed, Slide	Flat, Rollers, Troughed, Slider bed				
Belt construction						
Tension layer		polyester spun, flexible				
Number of plies		1				
Top side	material	Ropanyl, TPU				
	finish	smooth, glossy				
	color	white				
Bottom side	material	Ropanol, PUR				
	finish	impregnated fabric				
	color	natural				
Characteristics						
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA				

Antistatic (AS) no High conductive (HC) no Flame-retardant (FR) no
Flame-retardant (FR) no
ATEX approval no

Technical data

Hardness	ISO 868	top side	85A	Shore		
Force at 1% elongation (static)	ISO 21181		3	N/mm	17.13	lbs/in.
Thickness	AB method KV.002	total	1.00	mm	0.04	in.
		top cover	0.40	mm	0.02	in.
Weight	AB method KV.004		1	kg/m²	0.2	lbs/ft²
Operating temperature	continuous	from / to	-20 / 90	°C	-4 / 194	°F
	short	from / to	-30 / 110	°C	-22 / 230	°F
Minimum pulley diameter	flexing		6	mm	0.24	in.
	backflexing		10	mm	0.39	in.
Manufacturing width	standard		1900	mm	74.8	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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