Technical belt data sheet

Felt EM 5/1 00+FE white FG



Article code 570970

General information	
Product group	Synthetic belts
Market segment	Bakery
Main features	Foodgrade
Belt support	Slider bed, Rollers, Flat

Belt construction			
Fabric tension layer	polyester	stable	1-ply
Topside	Felt Polyester		white
Bottomside	Ropanol PUR	impregnation	transparent

Characteristics	
Foodgrade (FG)	yes, according: EC 1935/2004, EU 10/2011 (and amendments); food contact surface FDA
Antistatic (AS)	no
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

Technical belt data					
Force at 1% elongation	according to ISO 21181	5.0	N/mm	28.00	lb./in.
Belt thickness	internal AB method KV.002	3.00	mm	0.118	in.
Weight	internal AB method KV.004	1.70	kg/m²	0.348	lbs./ft.2
Temperature		-10 to 90	°C	14 to 194	°F
Temperature short		-10 to 100	°C	14 to 212	°F
Min. pulley diameter flexing		30.0	mm	1.181	in.
Min. pulley diameter back flexing		30.0	mm	1.181	in.
Standard belt width		1950	mm	76.77	in.
Maximum belt width		1950	mm	76.77	in.

Endless instructions

Hot splicing is always preferable. Cold splicing can only be done when the belt is exposed to normal temperatures 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

The information applies at approx. 20°C (68°F). Keep the belt tension to a minimum for maximum belt and conveyor life. Stated is the belt temperature. The allowable product temperature may vary.

The diameters are valid for a hot spliced belt and at the indicated belt force. Depending on the splice and working conditions (e.g. temperature), different pulley diameters may be possible or necessary. When fasteners are used the minimum diameters are increased by approx. 50%.

Consult our specialists for available profiles and accessories.

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