Technical belt data sheet

Fabric EF/C 6/2 00+0 (PU) white FG



Article code 570660

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

Belt construction						
Fabric tension layer	polyester/cotton	flexible	2-ply			
Topside	fabric					
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	6.0	N/mm	33.60	lb./in.	
Belt thickness	internal AB method KV.002	1.50	mm	0.059	in.	
Weight	internal AB method KV.004	1.40	kg/m²	0.287	lbs./ft.2	
Temperature		-20 to 60	°C	-4 to 140	°F	
Temperature short		-20 to 80	°C	-4 to 176	°F	
Min. pulley diameter flexing		8.00	mm	0.315	in.	
Min. pulley diameter back flexing		20.0	mm	0.787	in.	
Standard belt width		2100	mm	82.68	in.	
Maximum belt width		2100	mm	82.68	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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