Technical belt data sheet

## Flexam EF 30/3 10+20 white AS FG



## Article code 576180

General information	
Product group	Synthetic belts
Market segment	Sugar refining
Main features	Antistatic, Foodgrade
Belt support	Rollers, Flat, Troughed

Belt construction						
Fabric tension layer	polyester	flexible	3-ply			
Topside	Flexam PVC	smooth	white			
Bottomside	Flexam PVC	smooth	white			

Characteristics	
Foodgrade (FG)	yes, according: EC 1935/2004, EU 10/2011 (and amendments); food contact surface FDA
Antistatic (AS)	yes, in accordance with ISO 21178
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

Technical belt data							
Hardness topside	according to ISO 868	85A	shore				
Force at 1% elongation	according to ISO 21181	30.0	N/mm	168.00	lbs./in.		
Belt thickness	internal AB method KV.002	5.80	mm	0.228	in.		
Weight	internal AB method KV.004	7.50	kg/m²	1.536	lbs./ft.2		
Thickness top cover		2.00	mm	0.079	in.		
Temperature range		-10 to 80	°C	14 to 176	°F		
Temperature range short		-10 to 100	°C	14 to 212	°F		
Min. pulley diameter flexing		180.0	mm	7.087	in.		
Min. pulley diameter back flexing		240.0	mm	9.449	in.		
Standard belt width		2000	mm	78.74	in.		
Maximum belt width		2000	mm	78.74	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 pulley 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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