Technical belt data sheet

## Flexam EF 15/3 07+17 dark green AS



## Article code 589580

General information	
Product group	Synthetic belts
Market segment	Marble & ceramic
Main features	
Belt support	Rollers, Flat, Troughed

Belt construction						
Fabric tension layer	polyester	flexible	3-ply			
Topside	Flexam PVC	smooth	dark green			
Bottomside	Flexam PVC	M2 Matt finish	dark green			

Characteristics		
Foodgrade (FG)	no	
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	70A	shore		
Force at 1% elongation	according to ISO 21181	15.0	N/mm	84.00	lbs./in.
Belt thickness	internal AB method KV.002	5.00	mm	0.197	in.
Weight	internal AB method KV.004	6.60	kg/m²	1.352	lbs./ft.2
Thickness top cover		1.70	mm	0.067	in.
Temperature range		-15 to 80	°C	5 to 176	°F
Temperature range short		-15 to 100	°C	5 to 212	°F
Min. pulley diameter flexing		200.0	mm	7.874	in.
Min. pulley diameter back flexing		360.0	mm	14.17	in.
Standard belt width		2000	mm	78.74	in.
Maximum belt width		3000	mm	118.11	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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