

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/m ² 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.