

Flexam EM 8/2 00+A34 dark green AS FG



Article code 575962

General information

Product group	Synthetic belts
Market segment	Agriculture & horticulture, Wood, Paper & print, General handling
Main features	Antistatic, Foodgrade
Belt support	Slider bed, Rollers, Flat

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	A34 Supergrip profile	dark green
Bottomside	Ropanol PUR	impregnation	transparent

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	yes, according Category 2 - KEMA 05ATEX2164 U

Technical belt data

Hardness topside	according to ISO 868	35A	shore
Force at 1% elongation	according to ISO 21181	8.0	N/mm 44.80 lbs./in.
Belt thickness	internal AB method KV.002	4.40	mm 0.173 in.
Weight	internal AB method KV.004	3.50	kg/m ² 0.717 lbs./ft. ²
Thickness top cover		2.90	mm 0.114 in.
Temperature range		-25 to 80	°C -13 to 176 °F
Temperature range short		-25 to 100	°C -13 to 212 °F
Min. pulley diameter flexing		40.0	mm 1.575 in.
Min. pulley diameter back flexing		50.0	mm 1.969 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.