

Ropanyl EM 8/2 00+02 dark green M2 AS FG



Article code 577391

General information

Product group	Synthetic belts
Market segment	Horticulture, Plastics, General handling, Packaging
Main features	Antistatic, Foodgrade
Belt support	Slider bed, Rollers, Flat

Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Ropanyl TPU	M2 Matt finish	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
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

Technical belt data

Hardness topside	according to DIN 53505	93A	shore
Force at 1% elongation	according to ISO 21181	8.0	N/mm 44.80 lbs./in.
Belt thickness	internal AB method KV.002	1.60	mm 0.063 in.
Weight	internal AB method KV.004	1.70	kg/m ² 0.348 lbs./ft. ²
Thickness top cover		0.15	mm 0.006 in.
Temperature range		-20 to 90	°C -4 to 194 °F
Temperature range short		-30 to 110	°C -22 to 230 °F
Min. pulley diameter flexing		14.0	mm 0.551 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.

Food Statement EC



Introduction

The framework Regulation EC 1935/2004 Food Contact of the European Parliament lays down regulations on materials and articles intended to come into contact with food. Belonging Regulation EU 10/2011 is a specific measure within the meaning of Article 5 of Regulation EC 1935/2004 and establishes specific requirements for the manufacture and marketing of plastic materials intended to come into contact with food. Regulation EU 10/2011 is also applicable to printing inks, adhesives or coatings, but does not apply to rubber and silicones. Principle is that food contact materials should be safe and should not transfer their components into the foodstuff (migration) in unacceptable quantities. The EU legislation for food contact materials is based on positive lists of the substances and maximum limits of migration to food. Only positive list substances may be used for manufacturing of food contact plastics.



Statement

Ammeraal Beltech herewith declares that the following mentioned belt type is in compliance with Framework Regulation EC 1935/2004 – which replaces the former Directives 89/109/EEC and 80/590/EEC – and belonging Regulation EU 10/2011 (with amendments) – which replaces former Specific Directives 2002/72/EC and 90/128/EEC (with amendments).

Article code	Belt construction
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For conveying: All kind of foodstuffs

Issue date
April 2016

Head office Ammeraal Beltech Group
Comeniusstraat 8, 1817 MS Alkmaar
P.O. Box 38, 1700 AA Heerhugowaard
The Netherlands

Food Statement FDA



Introduction

The Food and Drug Administration (hereafter called FDA) of the Public Health Service of the Department of Health, Education and Welfare, established in Washington DC 20204, United States of America, is the world's best known authority involved in consumer protection in respect of potential detrimental influences, which could be caused by any inclusion of substances or ingredients of an unacceptable nature in foodstuffs and confectionery. The FDA have prepared a review 'Title 21: Code of Federal Regulations' in respect of their approval of the raw materials in a processed or finished state, and also specified the conditions under which the approval is valid.

The logo for the Food and Drug Administration (FDA) is displayed in a large, bold, white font with a black outline, set against a black background.

Statement

Ammeraal Beltech herewith declares that the cover of the following belt type meets the requirements mentioned in Title 21: Code of Federal Regulations, issued by the FDA

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According to paragraph:

177.2600 (rubber articles intended for repeated use)

for all wrapped and unwrapped foodstuffs

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