

Ropanyl EM 6/2 00+02 white M2 AS FG



Artikelcode 577951

Allgemeine Informationen	
Produktgruppe	Kunststoffbänder
Marktsegment	Fleisch & Geflügel, Süßwaren, Backwaren, Transport & Logistik, Verpackung
Bandeigenschaften	Ableitfähig, Lebensmittelgeeignet, Messerkante
Bandunterstützung	Gleitisch, Rollen, Flach

Bandaufbau			
Gewebe	Polyester	stabil	2-lagig
Tragseite	Ropanyl TPU	M2 Matt Ausführung	weiß
Laufseite	Ropanol PUR	Imprägnierung	transparent

Eigenschaften	
Lebensmittelgeeignet (FG)	ja, nach: EC 1935/2004, EU 10/2011 (und Änderungen); Nahrungsmittelkontaktfläche FDA
Ableitfähig (AS)	ja, nach ISO 21178
Hohe Leitfähigkeit (HC)	nein
Schwer entflammbar (FR)	nein
ATEX Zulassung	ja, nach Kategorie 2 - KEMA 05ATEX2164 U

Technische Banddaten			
Härte Tragseite	nach DIN 53505	85A	shore
Kraft bei 1% Dehnung	nach ISO 21181	6,0	N/mm 33,60 lbs./in.
Banddicke	interne AB methode KV.002	1,50	mm 0,059 in.
Gewicht	interne AB methode KV.004	1,65	kg/m ² 0,338 lbs./ft. ²
Dicke obere Deckplatte		0,20	mm 0,008 in.
Temperaturbereich		-20 bis 90	°C -4 bis 194 °F
Temperaturbereich kurzzeitig		-30 bis 110	°C -22 bis 230 °F
Mindesttrommeldurchmesser Umlenktrommel		6,00	mm 0,236 in.
Mindesttrommeldurchmesser Einschnürtrommel		40,0	mm 1,575 in.
Standardbreite		2000	mm 78,74 in.
Maximale Breite		2000	mm 78,74 in.

Endlosverbinden

Eine Heißverschweißung sollte stets als Verbindungsmethode bevorzugt werden. Eine Kaltverklebung ist nur dann zu empfehlen wenn die Verbindung normal temperaturbelastet und nicht zu großer Feuchtigkeit ausgesetzt ist. Die notwendigen Arbeitsschritte können den entsprechenden Dokumentationen entnommen werden. Schweißvorschriften entnehmen Sie bitte den separaten Informationen.

Zusätzliche Informationen

Die Angaben der Daten basieren auf einer Umgebungstemperatur von 20°C (68°F). Die Bandspannung sollte minimal gehalten werden zur Schonung von Band und Förderanlage. Angegeben wird die Bandtemperatur. Die zulässige Produkttemperatur kann abweichen.

Die Mindesttrommeldurchmesser gelten für ein verschweißtes Band mit der angegebenen Bandspannung. Abhängig von der Art der Endlosverbindung und den Betriebsumständen (z.B. Temperatur) sind andere Trommeldurchmesser möglich oder erforderlich. Für mechanische Verbinder sind größere Durchmesser als bei einer normalen Verschweißung vorzusehen (ca. 50%).

Fragen Sie unseren Berater über mögliche Strukturen und Sonderausführungen.

Durch fortwährende Entwicklungen ist eine Änderung der Daten möglich. Mit Erscheinen dieser Spezifikation werden alle bisherigen Dokumentationen ungültig. Ammeraal Beltech schließt jede Haftung für unsachgemäße Benutzung obiger Informationen aus. Für alle Aktivitäten und Service durch Ammeraal Beltech gelten die allgemeinen Verkaufs- und Lieferungsbedingungen.

ATEX attestation



Introduction

Directive 94/9/EC Equipment and Protective systems intended for use in potentially explosive atmospheres (ATEX) is a so-called "New Approach" Directive which provides the technical requirements to be applied to equipment intended for use in potentially explosive atmospheres. The Directive has been mandatory from 1st July 2003.



Written attestation of conformity for components

Manufacturer: **Ammeraal Beltech Holding BV**
Handelsstraat 1
1704 AC Heerhugowaard
The Netherlands

Product description: Ropanyl EM 6/2 00+02 white M2 AS FG
Article code: 577951

The manufacturer of this product hereby declares that the product is a non-electrical component made of composites of thermoplastic and/or thermoset materials.

Because this product is a potential source in the generation of static electricity, when incorporated within other elements of equipment, the risk of an explosion in potentially explosive atmospheres exists. Therefore all equipment parts which are in contact with Ammeraal Beltech process and conveyor belts have to be earthed sufficiently and made from electric conductive materials, to meet the applicable Essential Health and Safety Requirements of the ATEX Directive 94/9/EC.

Belt slip is a potential source of overheating of belts and equipment parts. The risk of an explosion, due to overheating, exists in potentially explosive atmospheres. Therefore all equipment parts should be constructed and/or protected in such a way that overheating cannot occur, when compliance to meet the applicable Essential Health and Safety Requirements of the ATEX Directive 94/9/EC is required. Maximum speed of the conveyor belt on the installation is 5 m/s.

After following the Ammeraal Beltech ATEX manual for installation, this product complies with the following documents, regulations and standards:

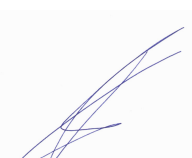
Article documents: Data Sheet 577951
TCF code ATEX-411004
Examination Certificate Number: **KEMA 05ATEX2164 U**

Standards: EN 13463-1 : 2001
EN 13463-5 : 2003
CLC/TR 50404 : 2003

Regulations: **ATEX Directive 94/9/EC – II 2GD c T60°C**
-10°C < Ta < 60°C



November 2007


Rob W. ten Cate MSc
Executive Board Member


Drs Jan W. Wieringa
Director Europe

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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» 577951	Ropanyl EM 6/2 00+02 white M2 AS FG
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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, black, sans-serif font with a white outline.

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

Article code	Belt construction
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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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