

Technical Data

ZOX613

Cook-In Casing

CHARACTERISTICS

Description

ZOX613 is a biodegradable nylon monolayer plastic Cook-In Casing for mexican chorizo. This Cook-In Casing is designed to permeate CO2 and moisture, being nylon it has a barrier that lengthens the shelf life and has greater mechanical strength.

Product Benefits

ZOX613 offers a variety of benefits, including:

- Biodegradation in landfills (According to ASTM D5511)
- Barrier to CO2 and humidity
- Talc-free (starch)
- Chlorine free
- PFAS free

Applications

The Cook-In Casings can be used in various applications, being the most used in:

- Mexican chorizo

Flat Width

Minimum of 1.88”(48mm) and a maximum of 4” (101mm).

Length

- Rolls: 1000 m [± 20 m]
- Stick: 35m shirred m [+2 m]

Printing

Can be printed:

- Up to 8 inks at the back
- Up to 8 inks at the front

Available Colors

- Clear
- Tint Orange S
- Tint Orange Q

PROPERTIES

ZOX613 indicates its general data and properties in the following table. The product has available configurations. Please contact a Zubex advisor at the information provided at the end of the document.

Physical-Mechanical Properties

Parameter	Unit	Value	Method
Thickness	µm	33.02 (+ 7.62)	Own Method (ASC-I-02)
	Mil.	1.30 (+ 0.3)	
Longitudinal Shrinkage	%	max. 12	Own Method (ASC-I-03) Hot water 80°C @30 sec.
Cross Shrinkage	%	max. 12	Own Method (ASC-I-03) Hot water 80°C @30 sec.
Flat Width Tolerance	%	+/- 1/16"	-
Lenght Tolerance	%	+/- 2	-
Water Vapor Transmission Rate	g /100 in ² /day	200	ASTM-F-1249-13 (37.8°C (100°F) at 100% HR)
Oxygen Transmission Rate	cm ³ /[m ² .day]	36	ASTM-D-3985-17 (23°C (73°F) at 0% HR)
Carbon Dioxide Transmission	cc STP/(cm ² *dia)	170	Dow Cell
*Biodegradation	%	84.4	%

*Biodegradation rate based on a especific external laboratory test result, available upon request.

SPECIFICATIONS

Usage Restrictions

- It's required to contact the advisor in case of attempting another application that the ones described.
- Casings are not suitable for heating in microwave ovens.
- The casings cannot be used as a toy.
- Casings are not suitable for consumption

Storage Conditions

- Store in the original packaging
- Storage place must be dry, clean and cool
- Storage temperature below 40°C, moisture free.
- Casings should be stored away from high temperature sources, as well as direct sunlight.

Shelf Life

The product can have a shelf life of 1 year after its delivery date provided that the original packaging and storage conditions are met.

Guarantee

This product has a guarantee of 6 months after the delivery date in its physical-mechanical properties (percentage of shrinkage, variation of tonality, longitudinal and transverse dimensions) as long as it complies

NOTES

REVIEW 02. june 2023

The document is valid for the date indicated above and will be renewed when there are substantial changes in the composition or production that produce changes in the migration of the materials or articles. It will also be renewed when new regulations or new scientific data become available and a new conformity check is made.

We inform you that the performance of the casings is strictly connected with the packaging technology, type of packaged products and thermal processing technology applied by the customer. The typical data described above in specific applications may be subject to change.

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For more information visit us
at www.zubex.com.mx or call
(81) 5000 9500

FOOD APPROVAL

Zubex states that the products are manufactured with raw materials intended to come into contact with food, and that these materials meet the requirements of the European Community such as Regulation (EC) No.2023 / 2006 of the Commission of December 22, 2006 and Regulation (EC) 282/2008 of March 27, 2008 on good practices in the manufacture of materials and articles intended to come into contact with food, Regulation (EC) No 1935/2004 of October 27 on materials and articles intended to come into contact with food of the Regulatory Council (EU) No10 / 2011 of January 14, 2011 in relation to plastic materials and articles intended to come into contact with food and amendments (Regulation No202 / 2014 of March 3, Regulation (EU) No. 1183/2012 of November 30, Regulation No. 321/2011 of April 1; Regulation No. 1281/2011 of November 28 and Regulation No. 2015/174 of February 5).

At Zubex we declare that according to our process analysis and the information received from our suppliers of raw materials used in the composition of our products, they are free of allergens in accordance with Directive 2007/68 / EC of November 27 and free of GMO (genetically modified organisms).

We do not assume any responsibility that this information is sufficient in every situation. Users should view this document as informative and should make their own decisions regarding the suitability of the product. If the product is handled incorrectly and for applications not recommended, ZUBEX will not be responsible.