

Technical Data

ZOXT825

Film

CHARACTERISTICS

Description

ZOXT825 is a unique biodegradable plastic film on the market manufactured under our new technology focused on protecting the environment. This bag is characterized by having excellent stability, mechanical resistance, and has a very good transparency. Polymers of the highest quality, approved for contact with food, are used for the manufacture of the bag.

Product Benefits

ZOXT825 offers a variety of benefits, including:

- Biodegradation in garbage dumps
- High shrinkage in both directions
- Heat sealable even in contaminated conditions and allows overlap
- High oxygen and water vapor barrier
- Talc-free (starch)
- Chlorine free

Applications

The bags can be used in various applications, being the most used in:

- Lid in vacuum packaging system by thermoforming
- Sachets for sauces

Flat Width

Minimum of 6" (152mm) and a maximum of 20" (508mm).

Printing

Can be printed:

- Flat width equal or less than 15": up to 8 inks at the front and 8 inks at the back.
- Flat width higher than 16": up to 8 inks at the front.

Available Colors

- Clear

PROPERTIES

ZOXT825 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	63.5 +/- 5.08	Own Method (ASC-I-02)
	Mil.	2.50 +/- 0.20	
Longitudinal Shrinkage	%	max. 5	Own Method (ASC-I-03)
Cross Shrinkage	%	max. 5	Own Method (ASC-I-03)
Lenght Tolerance	%	+/- 1	-
Water Vapor Transmission Rate	g /100 in ² /day	2.2	ASTM-F-1249-13 (37.8°C (73°F) at 0% HR)
Oxygen Transmission Rate	cm ³ /100in ² /day	0.9	ASTM-D-3985-17 (23°C (73°F) at 0% HR)
Biodegradation	%	100	ASTM-D-5511-02

ESPECIFICACIONES

Usage Restrictions

- It's required to contact the advisor in case of attempting another application that the ones described.
- Bags are not suitable for heating in microwave ovens.
- The bags cannot be used as a toy.
- The bags are not suitable for pasteurization and sterilization.
- Heat treatment time and temperature. (water, steam: 95°C, max 5s)
- Bags 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.
- Bags should be stored away from high temperature sources, as well as direct sunlight.

Shelf Life

The product after its delivery date in physical-mechanical properties has a useful life of 6 months.

Guarantee

The guarantee is mandatory as long as the customer follows the general recommendations and particularities described above.

NOTES

REVIEW 01. december 2021

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 bags 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.