


DECLARATION OF COMPLIANCE

Issuer's name, address:	„AZ-Pack“, UAB Pramonės pr. 4 K, 51326, Kaunas
Date:	2023.12.01
This declaration is valid until:	2025.12.01
Object of declaration:	Metallized Bag in Box
Raw materials, goods and substances:	For production of metallized bag in box AZ-PACK UAB uses: LDPE/PET METALLIZED/LDPE + LDPE For tap - PP, for gland - PE
Marking of packages:	

Purpose: Intended for packaging of various liquid and semi-liquid food industry products.

Conditions of use:

- The person or company responsible for filling the product volume must determine the suitability of the packaging for the type of product to be filled. The following must be taken into account: storage time under normal or appropriate temperature conditions;
- Suitable for contact with liquid and semi-liquid foods containing water, acid, alcohol (denatured and undenatured ethyl alcohol), dairy or fat products.
- To preserve the properties of the liquid, the bag must be filled to its nominal capacity, so that no more air is left inside the bag than it fits in the neck of the gland.
- Protect the outer layer of the bag from contact with acid-containing liquid. Exposure to acid-containing liquid for too long may cause the metallized layer to become oxidized and to become transparent – demethylated (The air barrier of the bag remains unchanged).
- Protect the bags from physical and mechanical damage. Physically or mechanically damaged film layers may lose their barrier properties, which may affect oxygen ingress, fluid leakage, demetallization.
- Bag filling temperature ranging from 4 to 100 °C.
- Bags are best suited for cold filling. When filling bags with hot filler, the customer assumes the risk of changes in the physical properties of the bag (demetalization, wrinkling).
- Strict adherence to the filling liquid technology is required when filling bags.
- The optimum usage conditions are 15-25 °C and 60-40 % of relative humidity. On very specific occasions, the bags can be stored at a temperature of 4°C and 40°C (minimum and maximum respectively). If so, it is necessary to acclimatize them to the optimum conditions 24-48h before the filling process takes place.
- **Filled bag can not be lifted up holding by the tap!!!**

If the rules of usage are not followed, renders the customer full responsibility for the quality of the bags.

Migration limits

The total level of substances migrating from polymeric materials and articles to food shall not exceed 10 mg / dm² or 60 mg/kg.

Overall and specific migration tests were done in accordance with Commission Regulation (EC) No. 10/2011

CHEMICAL MIGRATION TEST RESULTS:

Overall Migration in material: test report No. 191771/21/FCME/Z1			
Analyzed object	Test		Measurement Unit
	Limit	Result	
Overall migration into 10% ethanol (2 h. 100°C)	≤ 10,00	1,7	mg/dm ²
Overall migration into 3% acetic acid (2 h. 100°C)	≤ 10,00	2,2	mg/dm ²
Overall migration into olive oil (2 h. 100°C)	≤ 10,00	7,5	mg/dm ²

Specific Migration in material: test report No. 191771/21/FCME/Z1			
Analyzed object (in 3% acetic acid)	Test		Measurement unit
	Limit	Result	
Barium (2 h. 100°C)	≤ 1	< 0,0030	mg/kg
Zink (2 h. 100°C)	≤ 5	< 0,0039	mg/kg
Aluminum (2 h. 100°C)	≤ 1	< 0,030	mg/kg
Cobalt (2 h. 100°C)	≤ 0,05	< 0,0030	mg/kg
Lithium (2 h. 100°C)	≤ 0,6	< 0,0030	mg/kg
Manganese (2 h. 100°C)	≤ 0,6	< 0,0030	mg/kg
Copper (2 h. 100°C)	≤ 5	< 0,0030	mg/kg
Nickel (2 h. 100°C)	≤ 0,02	< 0,0030	mg/kg
Iron (2 h. 100°C)	≤ 48	0,0053± 0,0011	mg/kg
Cadmium	*≤100	< 0,0012	mg/kg
Chromium		0,0030	mg/kg
Lead		< 0,0030	mg/kg
Mercury		0,0030	mg/kg

* Sum ≤ 100

According to the information provided by the raw material suppliers before the date of this declaration of conformity, the raw materials used to manufacture the packaging may include:

- Substances for which a specific migration limit (SML) is established. For these substances the SML will not be exceeded even to a maximum film thickness of 120 μm (assuming that 1 kg of food is packaged with 6 dm² of film).

Ref. No.	CAS No.	SML (mg/kg)
LD-VL01		
39090	-	1.2 (T)
24550/89040	0000057-11-4	5
17020	0000075-21-8	ND
26140	0000075-38-7	5
16990/53650	0000107-21-1	30 (T)
13326/15760/47680	0000111-46-6	30 (T)
18430	0000116-15-4	ND
18820	0000592-41-6	3
96240	0001314-13-2	5
68320	0002082-79-3	6
PET-ZSRI		

17260/54880	0000050-00-0	15 (T)
16990/53650	0000107-21-1	30 (T)
19975/25420/93720	0000108-78-1	2.5
35760	0001309-64-4	0.04
24910	0000100-21-0	7.5 (T)

*T – grupės apribojimas

- Dual use additives (approved as food additives):
E173, E470 a, b, E170, E572, E530, E551, E435, E553b, E1521.

ORGANOLEPTIC PROPERTIES:

Based on the information received from the raw material suppliers, as well as the external laboratory and physical analysis of the product during production, we confirm that the packaging meets the requirements of taste and smell. The packaging does not endanger human health, has no unacceptable properties that would alter the composition of the food or impair the organoleptic properties of the packaged product.

Functional barrier data do not apply to this film.

The film complies with the requirements of Article 13 paragraphs 2,3,4 and Article 14, paragraphs 2 and 3 of Regulation (EU) No 10/2011.

The object of the declaration described meets the requirements of the following documents:

- Lithuanian hygiene Norm HN 16:2011 of 8 May 2011 on materials and articles intended to come into contact with food, special health requirements for safety;
- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing directives 80/590/EEC and 89/109/EEC;
- Commission Regulation (EC) No 10/2011 amending Directive 2002/72 / EC relating to plastic materials and articles intended to come into contact with foodstuffs (19 October 2009);
- Commission regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food products requirements of Annex IV;
- Commission regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food;
- Commission regulation (EC) No 1895/2005 of 18 November 2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food;
- The packaging conforms to the relevant requirements of Directive 94/62 / EC on packaging and packaging waste and assigned harmonized standards of the European Standard (EN) 13427-13432.
- Law on Packaging and Packaging Waste Management of the Republic of Lithuania, 2001 September 25 No. IX-517 Vilnius.

This declaration of conformity refers only to Bag-in-Box'es produced by AZ-PACK UAB and does not include any modifications as the result of the further processing of the product (printing etc.).

Kaunas
2023-12-01
Quality specialist




Monika Startė