

CERTIFICATE OF CONFORMANCE

Supplier : **Creative Caps s.r.o.**

Adress : Gen. Fajtla 3442/14, 750 02 Přerov, Czech Republic

Product : Wine closures ALCORK BVS 30H60

Chemical-physical and mechanical properties of liner:

Liner Saranex 28,6 x 2,00 mm

Liner Sarantin 28,6 x 2,00 mm

Liner Spark+ 28,6 x 2,00 mm

Liner EVOH 28,6 x 2,00 mm

Liner ACTIVE 28,6 x 2,00 mm

Liner PLASTIC SPARKLING 29,3 x 2,3 mm

Description and identification of product features:

Aluminum cap with Saranex / Sarantin / Spark + / EVOH liner/ Active/ Plastic Sparkling.

Saranex is a liner material suitable for sealing plastic containers or glasses. It obtains its properties from the combination of the Saranex coating with our ALKOzell (closed cell LDPE foam). The mechanical characteristics of the liner material can be determined by suitable choice of thickness and density of the ALKOzell. The Saranex film improves the barrier properties and chemical resistance of the liner in comparison to uncoated ALKOzell.

The recommended storage time of wine: 3 years.

Migration tests:

Results of migration tests show that the above-mentioned liner complies with overall and specific migration limits of 10 mg/dm² under the following test conditions:

Simulant	Conditions	Migrate in mg/dm ²
10% Ethanol (A)	10d, 40°C	0,1
3% Acidic Acid (B)	10d, 40°C	0,4
Olive Oil (D)	10d, 40°C	< 2,0
50% Ethanol	10d, 40°C	0,7
Isooctane	½h, 40°C + 2d, 20°C	4,9
n-Heptane	15 min, 49°C	5,8

Sarantin liner has been especially developed for insertion into Aluminium screw caps for wine bottles. This liner provides outstanding characteristics; the relatively soft tin foil shows all the advantages of metal foils in combination with the excellent barrier properties of PVdC film.

The recommended storage time of wine: 7 years.

Migration tests:

Migration tests acc. to EC/VO 10/2011 show the following results for the overall migration when a ratio of 1 cm² contact area to 2 ml of simulant is respected. The material was additionally tested according to Chinese Regulations (Report 0110 8000 4784).

Simulant	Conditions	Result mg / dm ²
95% Ethanol	10d, 40°C	<10,0 mg / dm ²
3% Acidic acid	10d, 40°C	<10,0 mg / dm ²

Spark+ liner has been especially developed for insertion into Aluminium screw caps for wine bottles for sparkling wines with overpressure up to 4,1bars with the advantage that it is PvDC free. The recommended storage time of wine: 7 years.

EVOH liner provides high sealing qualities and allows longer storage times than saranex with the advantage that it is PvDC free. It obtains its properties from the combination of the EPE foam and special EVOH film.

Simulant	Contact's condition		Migration level (mg/dm ²)
	Time	Temperature	
10% Ethanol	10 days	40°C ± 1°C	< 0,3 ¹⁾
3% Acetic acid	10 days	40°C ± 1°C	0,7 ± 0,2 ²⁾
95% Ethanol	10 days	40°C ± 1°C	4,4 ± 0,5 ²⁾
Isooctane	2 days	20°C ± 1°C	2,4 ± 0,3 ²⁾

ACTIVE liner ensures that wine is delivered to the consumer with optimal aroma status. This revolutionary new product binds and deactivates the sulphur compounds responsible for undesirable odours, preserving the wine's precious aroma. At the same time, it has an oxygen transmission rate that is virtually zero.

PLASTIC SPARKLING has been especially developed for insertion into Aluminium screw caps for wine bottles that are used for sparkling wines with overpressure up to 6-8 bars.

Migration tests:

Migration tests acc. to EC/VO 10/2011 show the following results for the overall migration at a ratio of 0,44 dm² contact area to 50 ml of simulant. [Standard wine bottle: 0,05 dm²/750 ml] (Fraunhofer IVV report PA/4469/16)

Simulant	Conditions	Result mg / dm ²
20 % Ethanol	10d, 40°C	0,3 mg/dm ²
3% Acidic acid	10d, 40°C	0,3 mg/dm ²

The liners are made of proprietary materials. This packing corresponds to the legislation, which set strict health standards for containers intended for contact with food substances.

States, therefore, that the seal is suitable for contact with all food types, when used at ambient temperatures up to hot fill at maximum of 70 °C and then stored at room temperature.

Conformity assessment procedure followed:

- Certificate of Compliance with food and Commodities Legislation No. 817.
- Certificate of Compliance with food and Commodities Legislation No. 802.

- Certificate of Compliance on Commission Regulation (EC) **No. 10/2011** on plastic materials and articles intended to come into contact with food, inclusive admenments, resp. Commission Regulation (EU) **No. 2020/1245** amending and correcting Regulation (EU) No 10/2011
- Commission Regulation (EU) **No. 2024/3190** on the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonised classification for specific hazardous properties in certain materials and articles intended to come into contact with food, amending Regulation (EU) No 10/2011 and repealing Regulation (EU) 2018/213
- Certificate of Compliance on Commission Regulation (EC) **No. 1895/2005** on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food.
- Certificate of Compliance on Commission Regulation (EC) **No. 2023/2006** on good manufacturing practice for materials and articles intended to come into contact with food

Regarding § 8 we confirm for our own responsibility, that the properties of the product are in compliance with hygiene requirements in accordance with Government Regulation (ES) **No. 1935/2004**.

1st March 2026, Přerov

MUDr. Roman Aurel Vašek

Executive Director