

Declaration of Compliance for Food Contact

FILM TYPE / PRODUCT DESCRIPTION:

FP HG/ Shrink Film, in co extruded polyolefin

RAW MATERIALS:

FIBOPE has the guarantee from its suppliers, for raw-materials and additives that materials utilised in the production of **FP HG** comply with **Regulation (EC) 10/2011**, and its subsequent alterations. Compliance with **Regulation (EC) 1935/2004** has also been assured by our suppliers.

GLOBAL MIGRATION:

Tests in an accredited and independent external laboratory, by ISO 17025, were carried out, as defined in **Regulation (EC) 10/2011**.

The simulators and conditions are mentioned on the table below:

Food Simulants	Test Conditions	
	Time [days]	Temp. [°C]
A - Aqueous foods (10% ethanol)	10	40
B - Acidic foods (3% acetic acid)	10	40
D2 - Fatty foods	10	40

The product was tested on simulators A; B and D2 at OM2 test conditions of the **Regulation (EC) 10/2011**, which means that the product is validated to be in contact with any food type, during an extended storage period at room temperature or less, including heating up to 70° C during 2 hours maximum, or heating up to 100°C during 15 minutes maximum.

The results obtained in the **OVERALL MIGRATION**, are below the limits defined in **Regulation (EC) 10/2011**, currently defined as 10 mg/dm² of the surface area.

By the test values obtained, carried out in accredited external laboratory by ISO 17025, the films can be in contact with all food types.

SPECIFIC MIGRATION:

- a. Monomers /additives subject to restriction as listed in Regulation (EU) No 10/2011, Annex I

FCM substance No	Ref. No	Substance type
264	22660	1-octene
433	68320	Antioxidant
231	10120	Ethylene and vinyl acetate copolymers
356	18820	1 - hexene
69	74400	-
652	38820	Antioxidant
132	26140	Vinyliden fluoride
282	18430	Hexafluoropropylene
760	83595	Antioxidant
783	55910	---
779	39815	---
661	95360	Antioxidant
715	46880	---

- b. Monomers /additives not subject to restriction as listed in Regulation (EU) No 10/2011, Annex I

FCM substance No	Ref. No	Substance type
106	89040 and 24550	Lubricant
125	16950	Ethylene

DUAL USE ADDITIVES:

A substance is defined as a "Dual Use Additive" if the chemical identity of the plastic additive matches that of an authorized food additive or flavouring, regardless of its purity or whether or not the substance is subject to a restriction in food and/or in the plastic. In the case of salts, it is the salt that matters, not the authorized acid, phenol or alcohol.

Ref. No	E Number	Substance
86240	E 551	Silicium dioxide
-	-	Magnesium oxide
-	-	Talc
14680 and 44160	E 330	Citric acid
76960	-	Polyethylene glycol
-	E 173	Aluminium
-	E170	Calcium carbonate
30960	E475	-
-	E 470b	Magnesium salts of fatty acids
30610	E 470a	Calcium salts of fatty acids

The purity of the Dual Use Additives used in this Product respect the purity criteria set out in Annex I of Regulation (EU) No 10/2011.

SPECIFIC MIGRATION of metals according to regulation 10/2011 (Annex II):

The result obtained for these type substances, are below the limits defined.

SPECIFIC MIGRATION of primary aromatic amines (PAA) according to regulation 10/2011 (Annex II):

The result obtained for PAA, are below the limits defined.

SPECIFIC MIGRATION of phthalates according to regulation 10/2011:

Residuals of phthalates DiBP (CAS 84-69-5) DBP (CAS 84-74-2) and DEHP (117-81-7) were detected, within compliance.

MOSH / POH – mineral oil saturated hydrocarbons

Presently there is no established SML (according to European Harmonized legislation and according to the draft of Germany 22nd Consumer Goods Ordinance ("mineral oil ordinance"),

Results indicate trace level of **MOSH/POH** may be present

MOAH - mineral oil aromatic hydrocarbons

The draft of 22nd Consumer Goods Ordinance (“mineral oil ordinance”) refers a SML < 0,5mg/kg

Results indicate a potential migration **MOAH** value < 0,5mg/kg

The film complies with present recommendations regarding MOSH and MOAH

NIAS

No substances were found that cause may concern for use of these packaging materials for food contact.

ORGANOLEPTIC PROPERTIES

The packaging material had no inherent odour.

APPLICABLE LEGISLATION:

FPHG, complies with **Regulation (EC) 10/2011** and **Regulation 1935/2004**.

FPHG, is produced in accordance with **Regulation (EC) 2023/2006**, in accordance to **Good Production Practices** for packaging materials for food products.

Barqueiros, September 2019