

Declaration of Compliance

For materials made from plastic intended to come into contact with food

VACUFLEX GmbH, Hessenring 8-12, 64546 Mörfelden Walldorf

Hereby declare that our products:

- **SMOOTHFLEX PU FOOD**
- **SMOOTHFLEX PU FOOD ANT**
- **SMOOTHFLEX XTRA PU FOOD**
- **SMOOTHFLEX XTRA PU FOOD ANT**

comply with the legal regulations laid down in the Regulation (EU) No 10/2011 as well as in Regulation (EC) No 1935/2004, both as amended and in force at the date of signature of the present declaration

When used as specified, the overall migration as well as the specific migration does not exceed the legal limits. The testing was performed according to Regulation (EU) 10/2011 ANNEX V

Test Conditions:

Food Simulant Abbreviation	Type and participation	Contact time & Temperature	Type of Foods
Foods that have a hydrophilic character and are able to extract hydrophilic substances			
Simulant A	Ethanol 10 % (v/v)	10d / 40°C	distilled water, or watery food with a pH>4.5
Simulant B	Acetic acid 3 % (w/v)	10d / 40°C	foods which have a pH < 4.5
Simulant C	Ethanol 20 % (v/v)	10d / 40°C	for alcoholic foods with an alcohol content of up to 20% and those foods which contain a relevant amount of organic ingredients that render the food more lipophilic
Foods that have a lipophilic character and are able to extract lipophilic substances			
Simulant D1	Ethanol 50 % (v/v)	10d / 40°C	for alcoholic foods with an alcohol content of above 20% up to 50% and for oil in water emulsions.
Simulant D2	Ethanol 95 % (v/v)	10d / 40°C	for foods which contain free fats at the surface and for alcoholic foods with an alcohol content of below 95%
	i-octane	2d / 20-22°C	
Dry Foods			
Simulant E	MPOO	10d / 40°C	dry food without fatty substances on the surface

The materials and raw materials used comply with Regulation (EU) No 10/2011 as well as No. 174/2015

The following substances were controlled against specific migration with following results

Material Family	Types / Cas Number	Result	Status
Total Content of Heavy metals	Cadmium Lead	not determinable / below limit	Pass
Polycyclic aromatic hydrocarbons according to US-EPA + 2 EFSA PAH in mg/kg	91-20-3; 208-96-8; 83-32-9; 86-73-7; 85-01-8; 120-12-7; 206-44-0; 129-00-0; 56-55-3; 218-01-9; 207-08-9; 205-99-2 + 205-82-3; 50-32-8; 193-39-5; 53-70-3; 191-24-2; 192-97-2	not determinable / below limit	Pass
Isocyanates in mg/kg	Diphenylmethan-4-4'-diisocyanate (MDI) 2,4-Toluene diisocyanate; 2,6-Toluene diisocyanate Hexamethylene diisocyanate	not determinable / below limit	Pass
Specific migration of Phthalates	DBP; BBP; DEHP; DNOP; DINP; DIDP; DAP	not determinable / below limit	Pass
Specific migration of Primary Aromatic Amines (PAA)	4-Aminodiphenyl; Aniline; 2-Methoxyaniline; Benzidine; p-Chloraniline; 4-Chlor-o-toluidine 2,4-Xylidine; 2,6-Xylidine; 4,4'-Oxydianiline; 4,4-Diaminodiphenylmethan; 3,3'-Dimethyl-4,4-Diaminodiphenylmethan; p-Cresidine; m-Phenylendiamine; p-Phenylendiamine; 2,4-Diaminoanisol; o-Toluidine; 2,4-Toluenediamine 2,6-Toluenediamine; 3,3'-Dimethylbenzidine 2,4,5-Trimethylaniline; 1,5-Diaminonaphthalin 2-Naphthylamine; 4,4'-Methylenbis(2-chloraniline); 3,3-Dimethoxybenzidine ; 3,3'-Dichlorbenzidine; 4,4'-Thiodianiline 3-Methoxyaniline; 4-Aminoazobenzene	not determinable / below limit	Pass
Migration of Metals	Barium; Cobalt; Copper; Iron; Lithium; Manganese ; Zinc; Aluminium; Nickel	not determinable / below limit	Pass
Specific Migration and total content of Vinyl chloride	Vinylchloride	not determinable / below limit	Pass

Specification of the intended use:

- Types of foods intended to come in contact with our products: All food which is mentioned in categories A, B, C, D1, D2, and E according to table 2, ANNEX III, of Regulation (EU) 10/2011

- Conditions of use : The testing conditions have been chosen according to the intended maximum food contact time and temperature conditions of 6h / 40 °C
- The limit of 60mg/kg food or simulant solvent and 10mg/dm² on surfaces of packaging/hoses is adhered to by observing the values shown in chapter „Test Conditions“ of this declaration

No functional barrier made from plastic is used in any of the above mentioned products

Formulation and production of the printing inks used are employed in accordance with the “EuPIA Guideline on Printing Inks applied to the Non-food Contact Surface of Food Packaging materials and Articles”.

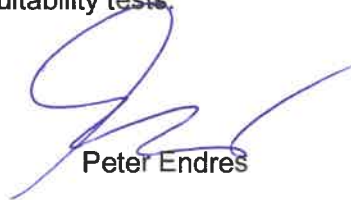
Traceability of the product is ensured according to Regulation (EC) No. 1935/2004 via the lot number indicated on the printing of the products.

The production complies with GMP guideline EC 2023/2006.

This declaration is valid for the product delivered by us and its use according to the specifications. The conformity assessment was carried out in accordance with the regulations specified above; according to that and under consideration of the food contact conditions specified, the product complies with the legal requirements; if used for purposes other than those specified, the user will be responsible for the conformity and suitability tests.

Mörfelden Waldorf, 22.04.2020

Location, date, signature



Peter Endres



ppa. Julien Braun

Validity until revocation and renewal