

**BFM GLOBAL LTD** 

P O Box 66-087 Beachhaven. Auckland 0749 New Zealand

# Declaration of Compliance:

In Accordance with EU Regulations 1935/2004 and 10/2011 Plastic materials and articles to come into contact with food

BFM Global Limited **ISSUED BY:** 

PO Box 66-087 Beachaven 0749 Auckland New Zealand

**ISSUED ON:** 26 November 2021

FOR THE FOLLOWING

Seeflex 040E - Clear Polyurethane Seeflex 020E - Clear Polyurethane PRODUCTS:

Seeflex 060ES - Clear Polyurethane with encapsulated Polyester Scrim

Flexi - Clear Polyurethane with encased wire coil Flexi-Light - Clear Polyurethane with encased wire coil

Flexi-Earthed - Clear Polyurethane with encased wire coil & terminal lugs

MANUFACTURED BY: **BFM Global Limited** 

PO Box 66-087 Beachaven 0749 Auckland New Zealand

**CONFIRMATION:** 

Seeflex 040E, Seeflex 020E, Seeflex 060ES, Flexi, Flexi-Light and Flexi Earthed are supplied in accordance with the following requirements with amendments up to & including (EU) 2019/988:

- Regulation No 2023/2006/EC (GMP Regulation)
- Regulation No 1935/2004/EC (Food Contact Materials)
- Regulation No 10/2011/EC (Plastic Food Contact Materials)

The conformity has been established by migration testing in accordance with regulations listed above.

**CONFORMITY WITH OVER-ALL MIGRATION LIMITS:** 

The determined over-all migration from the sample to the simulant is given in the table below. The results are an average of three determinations as described in EN 1186.

TEST STIMULANT	TEST CONDITIONS	RESULTS (mg/dm²)	OVERALL MIGRATION LIMITS OML
Tenax	48 hours, 60°C	<1	10mg/dm <sup>2</sup>
3% Acetic Acid	10 days, 60°C	<1	10mg/dm <sup>2</sup>
50% Ethanol	10 days, 60°C	8.9	10mg/dm <sup>2</sup>
Isooctane	2 days, 30°C	6.8	10mg/dm <sup>2</sup>

Explanatory Note: Due to the diverse fields of application, worst case scenarios were chosen for test conditions.

The result for isooctane (substitute for simulant D2) is not corrected for any reduction factor.

continued...



# DECLARATION OF COMPLIANCE

#### (CONTINUED)

Overall migration test for compliance with 10/2011 with amendments up to & including (EU) 2017/752:

TEST STIMULANT	TEST CONDITIONS	RESULTS (mg/kg)	SPECIFIC MIGRATION LIMITS SML
Olive Oil	10 days, 60°C	<2	10mg/dm <sup>2</sup>

Olive oil was used as it better simulates the most severe and realistic conditions.

## **CONFORMITY WITH SPECIFIC MIGRATION LIMITS:**

The determined specific migration to the simulant is given in the table below. Components 1 to 3 are tested to EN 13130, with Component 4 tested to EN 13130-8.

SPECIFIC COMPOUND	TEST CONDITIONS	RESULTS (mg/kg)	SPECIFIC MIGRATION LIMITS SML
Component 1	48 hours, 60°C	0.06	0.6mg/kg
Component 2	48 hours, 60°C	<2	3mg/kg
Component 3	48 hours, 60°C	<2	5mg/kg
Component 4	48 hours, 60°C	0.3	1mg/kg (Qm)

Explanatory Note: Due to the diverse fields of application, worst case scenarios were chosen for test conditions.

All dry food and powder product, including dry product and powder with fatty substances on

## SPECIFICATION ON THE USE OF THE MATERIAL

TYPE OF FOOD:

the surface.

TIME AND TEMPERATURE IN CONTACT WITH FOOD:

Up to 48 hours direct contact at a temperature of 60°C.

RATIO OF FOOD CONTACT SURFACE TO PRODUCT VOLUME:

6dm<sup>2</sup> per kg of food, according to article 17 Regulation 10/2011/EC

**DUAL USE ADDITIVES:** 

The Seeflex material used to manufacture our connectors does not contain additives approved for use in food that could migrate into food, causing either a technical effect or noncompliance of the foodstuff (so-called 'dual use additives' or 'multiple function additives').

SIGNED ON BEHALF OF **BFM GLOBAL LTD:** 

> **BLAIR MCPHEAT DIRECTOR**