



FEARLESS PERFORMANCE®

## EC DECLARATION OF COMPLIANCE

### FOOD-CONTACT MATERIALS

Granberg Sleeve covers  
art. 210.0073B

is in compliance with FOR 1993-12-21 nr 1381: Forskrift om materialer og gjenstander i kontakt med næringsmidler (as amended), with 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 (as amended), and with Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food (as amended).

Food Simulant	Food Simulant Abbreviation	Testing Conditions	Overall migration
Ethanol 10 % (v/v)	Food simulant A	30 min at 40 °C	Pass
Acetic acid 3% (w/v)	Food simulant B	30 min at 40 °C	Pass
Vegetable oil alternatives:	Food simulant D2		
Ethanol 95 %		30 min at 40 °C	Pass
Iso-octane		30 min at 40 °C	Pass

\*Were not suitable for testing against simulant D2 therefore the alternative simulants (Iso-octane and 95% Ethanol) were tested against)

Specific migration – migration of metals (Al, Ba, Co, Cu, Fe, Li, Mn, Ni, Zn) into food simulants.

Simulant	Element (mg/kg of foodstuffs)								
	Al	Ba	Co	Cu	Fe	Li	Mn	Ni	Zn
3% acetic acid	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

No dual-use additives (DUA) were used to produce Granberg Sleeve cover art. 210.0073B.



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According to Commission Regulation (EU) No 10/2011 of 14 January 2011 as amended <sup>1</sup>:

For tests to demonstrate compliance with the overall migration limit food simulants shall be chosen as set out in Table 3:

Table 3

Food simulant assignment for demonstrating compliance with the overall migration limit

Foods covered	Food simulants in which testing shall be performed
all types of food	1. distilled water or water of equivalent quality or food simulant A; 2. food simulant B; and 3. food simulant D2.
all types of food except for acidic foods	1. distilled water or water of equivalent quality or food simulant A; and 2. food simulant D2.
all aqueous and alcoholic foods and milk products with a pH $\geq$ 4,5	food simulant D1
all aqueous and alcoholic foods and milk products with a pH < 4,5	food simulant D1 and food simulant B
all aqueous foods and alcoholic foods up to an alcohol content of 20 %	food simulant C
all aqueous and acidic foods and alcoholic foods up to an alcohol content of 20 %	1. food simulant C; and 2. food simulant B.

Conclusion: sleeve cover are suitable to be used with all types of food.

These sleeve covers have been manufactured according to the requirements of 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 (as amended).

Ole Marthon Granberg  
Managing Director

Date: 12.08.20

<sup>1</sup> Amended and corrected by Commission Regulation (EU) 2017/752 of 28 April 2017 and Commission Regulation (EU) 2019/37 of 10 January 2019