

CE Declaration of Conformity

Regulation (EC) No 1935/2004 Food Contact Materials Regulation (EU) No 10/2011 Plastic Materials and Articles

FERMETECH OÜ hereby certifies that the materials used for our fermentation technology equipment and filter products comply with the requirements of Regulation (EC) No 1935/2004 and Regulation (EU) No 10/2011 for materials and articles intended to come into contact with food.

CKP Cordenons Filter Products

We declare that our Cordenons CKP filter products meet the requirements of food contact regulations, including:

V-Type Filter Sheets Available:

Filter Type	Micron Rating	Application	Nominal Retention (µm)	Flow Rate (L/m ² /h)
CKP V0	15-20 µm	Rough filtration	15-20	>1500
CKP V4	9-10 µm	Clarification	9-10	1300
CKP V8	5-6 µm	Coarse	5-6	1100
CKP V12	3-3.5 µm	Coarse	3-3.5	600
CKP V14	2.5 µm	Medium polishing	2.5	370
CKP V16	1-1.5 µm	Polishing	1-1.5	270
CKP V18	0.7-0.9 µm	Pre-sterilizing	0.7-0.9	190
CKP V20	0.5-0.65 µm	Medium sterilizing	0.5-0.65	150
CKP V24	0.3-0.45 µm	Sterilizing	0.3-0.45	60
CKP V28	0.3 µm	Highest retention	0.3	47

Filter Sheet Sizes Available:

- 20×20 cm (standard format)
- 40×40 cm (large format)
- Available with or without holes

Material Composition:

- Pure cellulose fibers
- Diatomaceous earth (Kieselguhr)
- Perlite
- All materials comply with food contact regulations

Supply and manufacturing demonstrate compliance through a combination of Generally Recognized as Safe (GRAS) materials and extraction tested materials that have been shown to be compliant.

We therefore declare that these products meet the requirements of EU regulations for food contact materials.

This declaration is based on the current information of our manufacturers and does not release the processor of the products from above mentioned qualities to apply for an approval for the intended application at the relevant institution, if necessary. The product specification is subject to change without notice.

Test Results:

Overall Migration test with reference to EN 1186-1:2002 and EN 1186-3:2002 standards:

Test conditions	Limit	Results	Conclusion
Overall migration in 10% ethanol, 100°C, 4h	10 mg/dm ²	<3.0	Pass
Overall migration in 3% acetic acid, 100°C, 4h	10 mg/dm ²	<3.0	Pass
Overall migration in 20% ethanol, 100°C, 4h	10 mg/dm ²	<3.0	Pass
Overall migration in 50% ethanol, 100°C, 4h	10 mg/dm ²	<3.0	Pass

Date: 05.04.2025

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