

DECLARATION OF CONFORMITY

BECO MEMBRAN PFplus Membrane Filter Cartridges

E. Begerow GmbH & Co.
An den Nahewiesen 24
55450 Langenlonsheim
Phone: +49 6704 204-0
www.begerow.com

Article No.:

Lot No.:

BECO MEMBRAN PFplus membrane filter cartridges are made using high-quality polyvinylidene fluoride (PVDF) membranes.

Composition of the article number (Example): KVB73PA

Filtertype	Retention rate	Adapter	Nominal length	Gasket
KV	BY = 0.65 µm	7 = Code 7	3 = 30"/75 cm	PA = Silicone

Please find further information about the key of individual article numbers of the BECO MEMBRAN PFplus membrane filter cartridges in the technical information 1 A 4.3.1.5 under www.begerow.com.

Single components and materials:

Filter membrane:	Hydrophilic PVDF
Support layers:	Polypropylene
Internal and external support body:	Polypropylene
End caps/Adapters:	Polypropylene, Adapter with reinforcing ring
O-rings:	Silicone (Standard)

Food Conformity

BECO MEMBRAN PFplus membrane filter cartridges are made of materials that correspond to the regulatory and legal requirements and guidelines for food contact as follows:

1. BECO MEMBRAN PFplus membrane filter cartridges meet the requirements for food contact according to Regulation (EC) 1935/2004 of the European Parliament and of the Council on materials and articles intended to come into contact with food, in that:
 - 1.1. the plastic components of BECO MEMBRAN PFplus membrane filter cartridges meet the requirements of Commission Directive 2002/72/EC and supplements relating to plastic materials and articles (excluding seals).

Migration testings were conducted on BECO MEMBRAN PFplus membrane filter cartridges according to Council Directive 82/711/EEC and 85/572/EEC.

The global migration as well as the specific migrations meet the legal requirements upon proper use. BECO MEMBRAN PFplus membrane filter cartridges can therefore be used to filter food without any concerns.

2. All construction materials of BECO MEMBRAN PFplus membrane filter cartridges meet the requirements for food contact by the FDA, listed in the Code of Federal Regulation as follows:
 - 2.1. the materials according to:
21 CFR 177 – 182 and
 - 2.2. the PVDF membrane according to:
21 CFR 177.2910.
3. 100 % Integrity Tested.
In manufacturing each unit must pass the integrity test.
4. The release is granted to the following specifications:

Integrity

Acceptable limit for diffusion flow test for 10" membrane filter cartridge.

Code

KVBL (0.22 µm)	15.2 ml/min at 2.8 bar
KVBB (0.45 µm)	17.1 ml/min at 1.5 bar
KVBY (0.65 µm)	9.1 ml/min at 0.6 bar
KVBA (1.0 µm)	6.3 ml/min at 0.5 bar

Quality Assurance

The quality management system of E. Begerow GmbH & Co. is certified to DIN EN ISO 9001:2008.

Langenlonsheim,

E. Begerow GmbH & Co.

A blue ink signature of Elke Brett, written in a cursive style.

Elke Brett
Product Manager Filter Cartridges
Food & Beverage

A blue ink signature of Dr. Mike Beuter, written in a cursive style.

Dr. Mike Beuter
Head of Quality & Safety