

# DECLARATION OF CONFORMITY

## BECO MEMBRAN PSplus Membrane Filter Cartridges

E. Begerow GmbH & Co.  
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www.begerow.com

Article No.:

Lot No.:

BECO MEMBRAN PSplus membrane filter cartridges are made using high-quality polyethersulfone membranes.

### Composition of the article number (Example): PES0673S

| Filtertype | Retention rate | Adapter    | Nominal length | Gasket       |
|------------|----------------|------------|----------------|--------------|
| PES        | 06 = 0.65 µm   | 7 = Code 7 | 3 = 30"/75 cm  | S = Silicone |

Please find further information about the key of individual article numbers of the BECO MEMBRAN PSplus membrane filter cartridges in the technical information 1 A 4.3.5 under [www.begerow.com](http://www.begerow.com).

### Single components and materials:

|                                     |  |
|-------------------------------------|--|
| Filter membrane:                    | Polyethersulphone                        |
| Support layers:                     | Polyester                                |
| Internal and external support body: | Polypropylene                            |
| End caps/Adapters:                  | Nylon, Adapter with stainless steel ring |
| O-rings:                            | Silicone (Standard)                      |

### Food Conformity

BECO MEMBRAN PSplus 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 PSplus 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 PSplus 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 PSplus membrane filter cartridges according to Council Directive 82/711/EEC.

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

2. All construction materials of BECO MEMBRAN PSplus membrane filter cartridges meet the requirements for food contact by the FDA, listed in the Code of Federal Regulation as follows:
  - 2.1. the polypropylene materials according to:  
21 CFR 177.1520 and
  - 2.2. the polyethersulphone materials according to:  
21 CFR 177.2440 and
  - 2.3. the polyester materials according to:  
21 CFR 177.1630 and
  - 2.4. the nylon materials according to:  
21 CFR 177.1500 and
  - 2.5. the silicone sealing materials according to:  
21 CFR 177.2600.
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  
PES02 ≤ 10 ml/min at 2.4 bar  
PES04 ≤ 20 ml/min at 1.7 bar  
PES06 ≤ 20 ml/min at 1.0 bar  
PES08 ≤ 20 ml/min at 0.6 bar

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## 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