

DECLARATION OF CONFORMITY

E. Begerow GmbH & Co.
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BECO MEMBRAN PS Membrane Filter Cartridges

Article No.:

Lot No.:

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

Composition of the article number (Example): PS06573S

Filtertype	Retention rate	Adapter	Nominal length	Gasket
PS	065 = 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 PS membrane filter cartridges in the technical information 1 A 4.3.4 under www.begerow.com.

Single components and materials:

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

Food Conformity

BECO MEMBRAN PS 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 PS 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 PS 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 PS 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 PS membrane filter cartridges can therefore be used to filter food without any concerns.

2. All construction materials of BECO MEMBRAN PS 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 polyethersulfone materials according to:
21 CFR 177.2440 and
 - 2.3. the polyester materials according to:
21 CFR 177.1630 and
 - 2.4. 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
PS020 ≤ 10 ml/min at 2.2 bar
PS045 ≤ 20 ml/min at 1.2 bar
PS065 ≤ 20 ml/min at 0.9 bar
PS080 ≤ 20 ml/min at 0.6 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 handwritten signature in blue ink, appearing to read 'Elke Brett'.

Elke Brett
Product Manager Filter Cartridges
Food & Beverage

A handwritten signature in blue ink, appearing to read 'Mike Beuter'.

Dr. Mike Beuter
Head of Quality & Safety