

# Poliflo II BF

The Poliflo II BF has been specially designed utilizing state of the art medias during the manufacturing process to provide a specific pre filter to membrane stabilisation during the brewing process.

The Envirogen Group understand that there is a great requirement to control the microbiological loading of beer (bright) prior to storage. The enhanced Poliflo II BF has been specifically developed to remove both yeast (brewers) and particulates that contribute to chill haze issues. The enhanced level of security offered by the Poliflo II BF ensures that it delivers a consistently high quality of product prior to membrane stabilisation.

The Poliflo II BF has been optimized to capture brewers yeast (*Saccharomyces Cerevisiae*) with a loading of  $>10^7$  cfu/cm<sup>2</sup>



## Features and Benefits

- Absolute removal ratings
- Fully tested yeast removal and bacterial reduction under normal operating conditions.
- All Polypropylene construction offering high performance during chemical CIP (acidic / caustic) backwash.
- Enhanced control of the beer quality before final stabilisation
- Cost effective performance
- Increased filler life when used with CIP regeneration

## Technical Specification

Sterilisable with autoclave at 130°C

Max operating temperature 80°C (continuous 65°C)

Max pressure loss: 5 bar at 20°C

Materials used are suitable for food applications - Comply with FDA 21 CFR 177

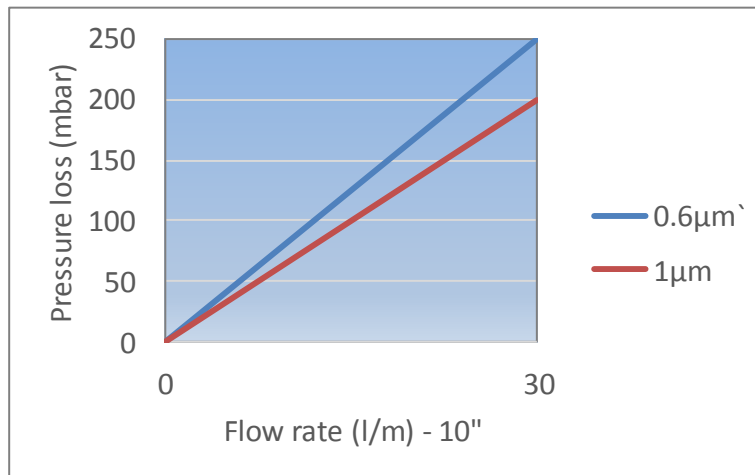
EU regulation 10/2011 and its subsequent amendments and regulation (EC) 1935 / 2004 and 1895 / 2005

Materials of construction:

Filter media:	Polypropylene
Filter media support:	Polypropylene
End caps:	Polypropylene
End cap seals:	Silicone, EDPM, Viton, Nitrile
Core:	Polypropylene
Cage	Polypropylene
Height	10", 20", 30", 40"
OD	67mm ±0.5mm

Filter efficiency established in water suspension using AC fine test dust.

### Pressure loss/flow rate for Poliflo II BF



### Poliflo II BF Ordering Guide

Name	Micron Rating	Nominal Length	End Cap Type	Seal Type	Special
Poliflo II BF	0.6µm	10"	03	E - EDPM	
	1.0µm	20"	07	S - Silicone	
		30"	08	V-Viton	
		40"		N - Nitrile	

**Ordering Guide Example: BF-0.6-30-7S**

**European Manufacturing, Sales & Service**  
 Envirogen Group  
 Unit 9, Wimsey Way, Alfreton Trading Estate,  
 Alfreton, Derbyshire DE55 4LS,  
 United Kingdom  
 T: +(0)1531 636328  
 E: info@envirogen.com

**European Sales & Distribution**  
 Envirogen Technologies BV  
 Penningweg 71, 1507 DG Zaandam,  
 The Netherlands  
 T: +31 (0)75 204 72 00  
 E: ninfo@envirogen.com

**Middle East Sales & Distribution**  
 Envirogen Group  
 Block 115, Road 1510,  
 Building 737, Office 81,  
 Hidd, Kingdom of Bahrain  
 T: +973 13107790  
 E: infobahrain@envirogen.com