

Water-Grade Polyethersulfone Membrane Filter Cartridge

- Hydrophilic membrane wets easily for maximum utilization of the filter's surface area
- Filter components meet USP Class VI Biological Tests for Plastics, ensuring that no surfactants or coatings interfere with the application, making these ideal for use in the food and beverage industry
- Polyethersulfone membrane filtration cartridges feature high contaminant loading, low protein-binding, and exceptional flux density
- Manufactured in continuous lengths up to 30", filters offer a high performance, economical solution for submicron particle removal
- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 2002/72/EC, 1935/2004, and/or 10/2011.

CARTRIDGE SPECIFICATIONS

Dimensions

Diameter (OD)	2.7" (7.0 cm)
Length/in (cm)	10, 20, 30, 40

Materials

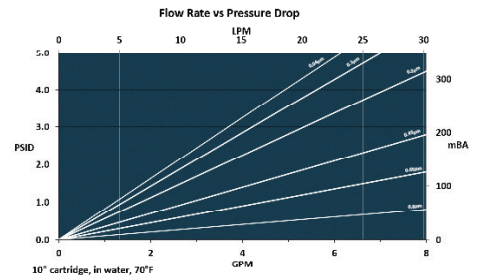
Cartridge	Polypropylene caps, core and cage
Media	Polyethersulfone
Seals	Buna, EPDM, Silicone or Viton® o-rings and gaskets

Operating Parameters

Maximum Temperature	176°F (80°C)
Maximum Differential Pressure @ 20°C	50 psi (3.4 bar)
Filtration Efficiency	100% Absolute

Sanitizing Agents

Compatible with most chemical sanitizing agents. Filtered hot water sanitization at 80°C for 30 minutes, or steam sterilized at 121°C for 30 minutes (stainless steel insert required for either)



ORDERING INFORMATION

Catalog Number and Description

FCWG	Water-Grade Polyethersulfone Filter Cartridge
X	Cartridge Code: 0 = 2-222 o-rings 1 = single open end w/ 213 internal o-ring 5 = 2-222 o-rings w/ spear 7 = 2-226 o-rings w/ spear F = double open end
XX	Length (in): 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX	Micro rating: S03 = 0.03 µm, S04 = 0.04 µm, S1 = 0.1 µm, S2 = 0.2 µm, S4 = 0.45 µm

To configure your order number, replace the X with one of the numbered or lettered options beside it. Note: Not all part number combinations are available; consult Technical Support for assistance.