

# INDUSTRIAL TEFLEX SERIES

## BETA 5000/ABSOLUTE-RATED PTFE MEMBRANE CARTRIDGES



The Teflex Absolute-rated PTFE Membrane Cartridges provide an economical solution where PTFE membrane cartridges are desired. Teflex cartridges combine polypropylene with polytetrafluoro-ethylene for electronics, food and beverage, and general purpose applications. The endcaps, center cores and outer support cages are constructed of polypropylene for increased durability.

### FEATURES/BENEFITS

PTFE membrane for full particle retention  
 Reduces particles as small as 0.1 micron in size by mechanical means\*  
 Efficiency rating exceeds 99.98% (beta 5000)  
 Polypropylene center core and outer support cage for increased durability  
 Available in 10", 20", 30" and 40" (254, 508, 762, 1,016 mm) lengths with a nominal outside diameter of 2.70" (69 mm)

Manufactured from FDA-listed materials  
 Meets USP Class IV biological test for plastics  
 Multiple endcap configurations and O-ring materials available

\* Not intended for the removal of microbial pests including virus, bacteria and cysts.

### APPLICATIONS

Chemicals  
 Deionized Water Systems  
 Electronics  
 Food & Beverage  
 General Use Water  
 Industrial  
 Post-filter RO Systems

### CARTRIDGE SPECIFICATIONS

Filter Media	Polypropylene/ Polytetrafluoroethylene
Supports	Polypropylene
Max. Temp. Rating	176 °F (80 °C)
Max. Differential Pressure	50 PSID (3.4 bar) forward 40 PSID (2.8 bar) reverse

## LIQUID FLOW SPECIFICATIONS

RATING (μ)	DI WATER FLOW
0.1	1.25 GPM (4.7 Lpm)
0.2	2.8 GPM (10.6 Lpm)
0.45	5.7 GPM (21.5 Lpm)

## CASE QUANTITY

All sizes: 6 per case

## STERILIZATION

Hot Water	176 °F (80 °C) 30 minutes
Steam Sterilization	250 °F (121 °C) multiple cycles

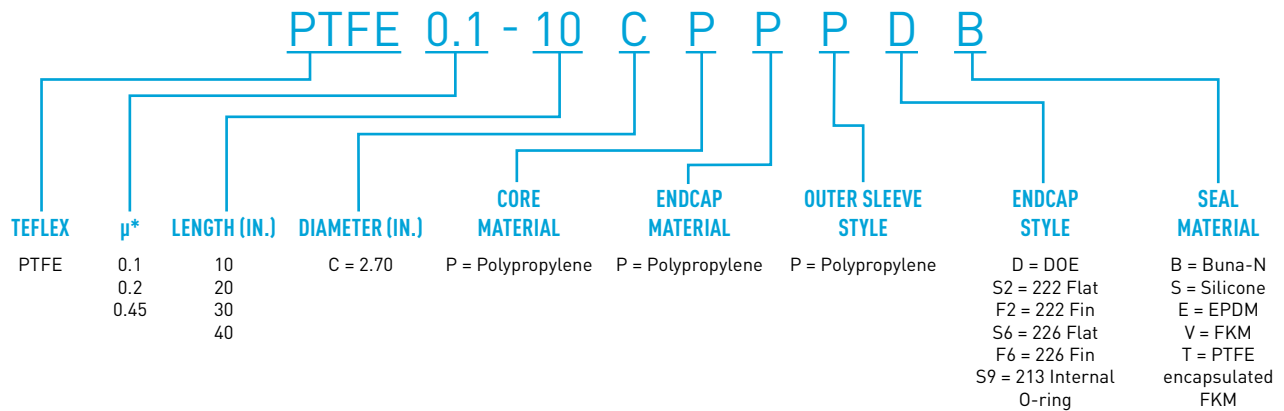
Stainless steel insert required for cartridges that will be sterilized/sanitized with steam or hot water.

## ORDERING INFORMATION

To create your ordering part number, use the part number configurator below.  
Custom configurations available. Please contact customer service.

### EXAMPLE: PTFE0.1-10CPPPDB

Teflex Absolute PTFE Membrane Filter Cartridge (PTFE)  
0.1-absolute micron rating (0.1), 10" length (10), 2.70" diameter (C), Polypropylene core (P)  
Polypropylene endcaps (P), Polypropylene outer sleeve (P), Double-open-ended (D), Buna-N seal (B)



\*absolute/ beta 5000

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## FILTRATION & PROCESS

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