

# NA Series Polypropylene Depth Filter Cartridge



- Designed to deliver precision filtration through an advanced meltblown structure that controls the consistency of the fiber diameter and layer density to ensure performance
- Meltblown structure provides outstanding retention efficiency, mechanical strength, and long on-stream life
- Multi-zone design produces a gradient pore structure to provide pre- and post-filtration in a single cartridge
- High efficiency removal with sharp particle cutoffs deliver precise removal efficiencies
- High purity, 100% polypropylene construction is free of surfactants, binders and adhesives making these cartridges ideal for use in food and beverage applications
- 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)	2.5" (6.4 cm)
Length/in (cm)	9.75, 10, 20, 30, 40

### Materials

Cartridge	Polypropylene caps and core
Media	Meltblown polypropylene
Seals	Silicone o-rings and gaskets

### Operating Parameters

Maximum Temperature	15 psid (1.03 bar) 140°F (60°C)
Maximum Differential Pressure @ 20°C	50 psi (3.4 bar)
Filtration Efficiency	95% Nominal Efficiency

### Autoclaving

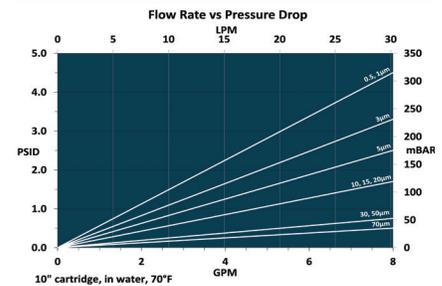
Single open Nexis® Series cartridges can be autoclaved for 30 minutes at 250°F (121°C) under no end load conditions. However, filter cartridges should be allowed to cool to normal system operating temperatures prior to use.

### Sanitizing Agents

Chlorine, hydrogen peroxide

### Sterilization

Not recommended



## ORDERING INFORMATION

### Catalog Number and Description

FCNA	Nominal Depth Filter Cartridge
<b>X</b>	Cartridge Code: <b>0</b> = 2-222 o-rings <b>1</b> = single open end w/ 213 internal o-ring <b>5</b> = 2-222 o-rings w/ spear <b>7</b> = 2-226 o-rings w/ spear <b>F</b> = double open end w/ flat gaskets <b>K</b> = knife edge seal w/ spring <b>N</b> = (no gaskets)
<b>XX</b>	Length (in): <b>09</b> = 9.75, <b>10</b> = 10, <b>20</b> = 20, <b>30</b> = 30, <b>40</b> = 40
<b>XX</b>	Micro rating: <b>S5</b> = 0.5 µm, <b>01</b> = 1 µm, <b>03</b> = 3 µm, <b>05</b> = 5 µm, <b>10</b> = 10 µm, <b>15</b> = 15 µm, <b>20</b> = 20 µm, <b>30</b> = 30 µm, <b>50</b> = 50 µm, <b>70</b> = 70 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.