

## Nexis® T Filter Cartridges

### For clarification and particle reduction

#### Description

Nexis T filter cartridges are ideal for use in rigorous food and beverage clarification processes. Pall's proprietary CoLD™ (Co-Located Large Diameter) fiber technology gives the Nexis T filters internal support combined with high dirt holding capacity.

Continuous graded and fixed pores provide pre- and fine filtration within the same cartridge resulting in lower overall filtration and disposal cost.

The Nexis T filter cartridges provide a typical nominal removal efficiency with consistent filtration performance. These cartridges are an ideal choice for food and beverage processes needing high-performance filtration at an economical price.

#### Quality

- Cartridges produced in a controlled environment
- Manufactured according to ISO 9001:2008 certified Quality Manufacturing System

#### Food Contact Compliance

Please refer to the Pall website <http://www.pall.com/foodandbev> for a Declaration of Compliance to specific National Legislation and/or Regional Regulatory requirements for food contact use.



Nexis T Filter Cartridges

#### Media

- All polypropylene
- Continuous graded fixed pore structure
- Resists shedding
- Does not employ adhesives or surfactants

#### Element

- Center core for high mechanical strength
- Consistent performance
- High void volume for high dirt holding capacity
- Available in multiple configurations

## Technical Information

### Operating Characteristics in Compatible Fluids

Maximum Differential Pressure	Recommended Change out Differential Pressure	Operating Temperature
4.14 bard (60 psid)	2.4 bard (35 psid)	30 °C (86 °F)
1.72 bard (25 psid)	-	66 °C (150 °F)
1.03 bard (15 psid)	-	82 °C (180 °F)

Compatible fluids are defined as those which do not swell, soften or attack any of the filter components

### Sterilization and Sanitization

- Single open end (SOE) cartridges may be autoclaved for 30 minutes at 121 °C (250 °F) under no end load conditions. Cartridges should be cooled to system operating temperatures prior to use.
- Steam sterilization is not recommended.

## Ordering Information

This information is a guide to the part number structure and possible options. For availability of specific options please contact Pall. Refer to Pall for housing details.

Part Number: **NXT**   **U**  **W**

Table 1

Table 2

Table 3

Table 4

Table 1: Removal Rating

Code	Description
3	3 µm
5	5 µm
10	10 µm

Table 2: Length

Code	Description
<b>DOE Style only:</b>	
4	4" (102 mm)
5	5" (127 mm)
975	9.75" (248 mm)
9875	9.875" (251 mm)
10	10" (254 mm)
195	19.5" (495 mm)
20	20" (508 mm)
2925	29.25" (743 mm)
295	29.5" (749 mm)
30	30" (762 mm)
39	39" (991 mm)
395	39.5" (1003 mm)
40	40" (1016 mm)
<b>SOE Style only:</b>	
10	10" (254 mm)
20	20" (508 mm)
30	30" (762 mm)
40	40" (1016 mm)

Table 3: Adapter

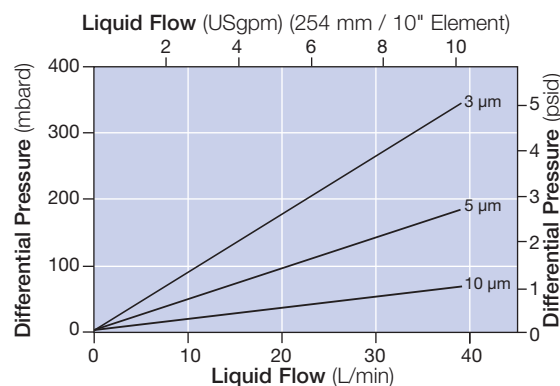
Code	Description
blank	DOE with no endcaps
M3	SOE - single open end with flat closed end and external 222 O-rings
M7	SOE - single open end with fin end and external 226 O-rings
M8	SOE - single open end with fin end and external 222 O-rings

Table 4: O-ring Seal Material\*

Code	Description
S	Silicone Elastomer
E	Ethylene Propylene Rubber

\*For M3, M7 and M8 styles only

## Flow Rates



\* For clean water at ambient temperature for liquids of viscosity other than 1cP multiply the  $\Delta P$  by the viscosity in cP.



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Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit [www.pall.com](http://www.pall.com) to verify that this information remains valid. Products in this document may be covered by one or more of the following patent numbers: EP 830,191; US 5,591,335; US 5,653,833; US 5,681,469; US 5,690,782; US 5,730,820; US 5,733,581; US 5,741,395; US 5,783,011.

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