

# Hall Pyke



**Filter Cartridges**

**AETT/AETI**

**The SMART choice for filtration**



# AETT® /AETI® Filter Cartridges

All Fluoropolymer Constructed

**AETT®** Filter Cartridges are composed of a hydrophobic PTFE membrane and ECTFE core, cage and support making it suitable to use in strong acid and solvent filtration.

**AETI®** Filter Cartridges are composed of a hydrophilic PTFE membrane which is specially designed for aggressive water-based filtration conditions.

AETT and AETI Filter Cartridges are recommended for particle removal in pharmaceutical applications.

## Features and Benefits

- 100% all Fluoropolymer construction
- Absolute rated in all ratings except 0.22µm; 0.22µm rating's retention efficiency is up to 99.99999%
- High filtration performance including high flow rates and low pressure drops
- Available in both hydrophobic and hydrophilic PTFE media

## Quality Standards

- Each filter is individually Integrity Tested prior to leaving the factory
- Each filter is Fully Traceable with a unique serial number
- Designed, developed and manufactured in compliance with ISO9001
- Full Regulatory Compliance with the following:
  - 21CFR.210.3(b)(5)(6), 211.72 for Non-Fiber Release
  - Endotoxins: <0.25EU/ml/10inch filter
  - USP <88> Plastic Class VI-121°C
  - FDA 21 CFR177-182 & EU 1935/2004/EC

## Typical Applications

- Strong Acid Filtration
- Aggressive Solvents Filtration



Sterile Filtration

Bio-burden Reduction

Pre-filtration

All-Fluorine Filters

Capsule Filters

## Materials of Construction

|                      |  |
|----------------------|--|
| <b>Filter Media</b>  | AETT: Expanded Hydrophobic PTFE Membrane<br>AETI: Expanded Hydrophilic PTFE Membrane |
| <b>Cage/Support</b>  | ECTFE  |
| <b>Core/End Caps</b> | ECTFE  |
| <b>O-ring</b>        | PTFE/PTFE Encapsulated Viton   |

## Operating Conditions

|  |  |
|--|--|
| <b>Max. Continuous Operating Temperature</b> | 96°C   |
| <b>Max. Differential Pressure</b>            | 5.0 bar / 21°C (forward)<br>3.0 bar / 80°C (forward) |
| <b>Effective Filtration Area</b>             | 0.96m <sup>2</sup> / Φ 68-10 inch                    |

\* Not Recommended for Inline Steam Sterilization and Autoclaving

## Ordering Information

| AETT<br>AETI | Removal Ratings | End Cap             | Nominal Length | Seal Material      | -P |
|--------------|-----------------|---------------------|----------------|--------------------|----|
|              | 0002=0.02µm     | SF=226 /Fin         | 05= 5"         | K=PTFE             |    |
|              | 0010=0.1µm      | SC=226 /Flat        | 10=10"         | P=PTFE             |    |
|              | 0022=0.22µm     | DTF=D222 /Fin       | 20=20"         | Encapsulated Viton |    |
|              | 0045=0.45µm     | DTC=D222 /Flat      | 30=30"         |                    |    |
|              | 0100=1.0µm      | DOE=Double Open End | 40=40"         |                    |    |

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