



# Filter Media Specifications

## Standard Media

### 5 µm Polyester, 5 micron, 99+% efficiency

- ID: "odd nbr.": i.e. **19, 235P**
- Media classification: F8
- Pleated industrial needle felt polyester media
- Plastisol potting
- Temperature min: -15°F (-26°C), max: 220°F (104°C)
- Reinforced epoxy coated steel wire on ID and OD

### 2 µm Paper, 2 micron, 99+% efficiency

- ID: "even nbr.": i.e. **18, 234P**
- Media classification: F9
- Heavy duty industrial strength paper
- Plastisol potting
- Heavy gauge galvanized expanded metal
- Temperature min: -15°F (-26°C), max: 220°F (104°C)

## High Efficiency

### 1 µm Polyester - Z Media, 1 micron, 99+% efficiency

- ID: "odd nbr." & "Z" suffix: i.e. **19Z, 235ZP**
- Media classification: F9
- Epoxy coated steel wire on both sides of media
- Temp min: -15°F (-26°C), max: 220°F (104°C)
- Washable - lukewarm water & mild detergent

### 4 µm Polyester - N Media, 4 micron, 99+% efficiency

- ID: "odd nbr." & "N" suffix: i.e. **15N, 377NP**
- Media classification: F9
- Temp min: -15°F (-26°C), max: 220°F (104°C)

### HEPA - HE Media, 0.3 micron, 99.97% efficiency

- ID: "HE" prefix & "even nbr.": i.e. **HE230, HE334P**
- Media classification: H13
- Heavy duty industrial strength glass surrounded by heavy gauge galvanized expanded metal
- Maximum oversizing required to minimize pressure drop
- Plastisol potting standard
- Temp min: -15°F (-26°C), max: 220°F (104°C)
- Options: silicone potting, viton gaskets, temp max: 375°F (190°C)

### ULPA - UL Media, 0.1 micron, 99.995% efficiency

- ID: "UL" prefix & "even nbr.": i.e. **UL234**
- Media classification: H14
- Plastisol potting
- Temp min: -15°F (-26°C), max: 220°F (104°C)
- Options: silicone potting, viton gaskets, temp max: 375°F (190°C)

### Dutch Twill Weave - DT Media

- ID: "DT" prefix & "odd nbr.": i.e. **DT245**
- Media classification: F9
- Stainless steel woven wire cloth
- Viton gaskets & epoxy potting
- Temp min: -15°F (-26°C), max: 375°F (190°C)

## Chemical / Food / Pharmaceutical

### Stainless Steel Wire Mesh - S2 Media

- Stainless steel pleated wire mesh
- ID: "even nbr." & "S2" suffix: i.e. **14S2**
- Stainless steel expanded metal
- Chemical resistant and high temperature resistant
- Available with silicone endcaps

### Polypropylene (PP) - Y Media, 5 micron, 99+% efficiency

- ID: "odd nbr." & "Y" suffix: i.e. **31Y, 345YP**
- Media classification: F8
- Epoxy coated steel wire on ID and OD

### PTFE - TG Media, 0.3 micron, 99.5% efficiency

- ID: "TG" prefix & "odd nbr.": i.e. **TG375**
- Media classification: E12
- High temperature, chemical, & moisture resistant
- Options: viton gaskets, epoxy potting
- Temp (intermittent): Up to 482°F (250°C)

### PTFE - TF Media, 0.3 micron, 99.5% efficiency

- ID: "TF" prefix & "odd nbr.": i.e. **TF275**
- Media classification: E12
- Chemical & moisture resistant
- Minimal pressure drop
- Temp (intermittent): 220°F (104°C)
- Options: viton gaskets, epoxy potting



### PPS - RY Media

- Broad chemical resistant media, high temp
- ID: "RY" prefix & "odd nbr.": i.e. **RY485**
- Media classification: F8
- Temp min: -15°F (-26°C), max: 220°F (104°C)
- Options: viton gaskets, epoxy potting

### Coarse Efficiency

#### 25 µm Polyester - U Media, 25 micron, 99+% efficiency

- ID: "odd nbr." & "U" suffix: i.e. **19U, 685UP**
- Media classification: F7
- Temp min: -15°F (-26°C), max: 220°F (104°C)

#### 100 µm Polyester - W Media, 100 micron, 99+% efficiency

- ID: "odd nbr." & "W" suffix: i.e. **15W, 385WP**
- Media classification: M6
- Temp min: -15°F (-26°C), max: 220°F (104°C)

#### Wire Mesh - S Media

- Epoxy coated pleated wire mesh
- ID: "even nbr." & "S" suffix: i.e. **274S, 344SP**
- Expanded metal
- Temp min: -15°F (-26°C), max: 220°F (104°C)

#### Stainless Steel - S2 Media

- Stainless steel pleated wire mesh
- ID: "even nbr." & "S2" suffix: i.e. **234S2**
- Chemical resistant and high temperature resistant
- Stainless steel expanded metal
- Temp min: -15°F (-26°C), max: 220°F (104°C)
- Options: silicone or epoxy potting , viton gaskets

### High Temperature

#### Nomex - MX Media, 5 Micron, 99+% efficiency

- ID: "odd nbr." & "MX" suffix: i.e. **377MX**
- Media classification: F8
- Silicone potting
- Temperature min: -15°F (-26°C), max: 385°F (196°C)
- Reinforced epoxy coated steel wire on ID and OD

#### Nomex with Stainless Steel Support - MXD Media

- 5 micron, 99+% efficiency
- ID: "odd nbr." & "MX" suffix: i.e. **377MXD**
- Media classification: F8
- Silicone potting
- Reinforced stainless steel wire mesh on ID and OD
- Temperature min: -15°F (-26°C), max: 385°F (196°C)

### Chemical Adsorption

#### Activated Carbon - AC Media, 10 micron, 99+% efficiency

- ID: "AC" prefix & "even nbr.": i.e. **AC18**
- Removes gas or vapor odors, contaminants, & particulate
- Pleated media
- Reinforced with epoxy coated steel wire on both sides of cloth

#### Activated Carbon Granulate - ACG Media

- ID: "ACG" prefix & "even nbr.": i.e. **AC30**
- Removes gaseous or vapor odors
- Granulates are enclosed within a polyester wrap and expanded metal on the ID and OD

#### Activated Alumina - AA Media

- ID: "AA" prefix & "even nbr.": i.e. **AA850**
- Desiccant used in the adsorption of water & oil vapor and the prevention of backstreaming in pumps
- Adsorbs up to 40% of media's weight

#### Electrostatic Activated Carbon - GM Media

- 3 micron, 70% efficiency
- ID: "GM" prefix & "odd nbr.": i.e. **GM35**
- Superior odor removal
- Chemically inert
- Electrostatic fibers attract & hold particles

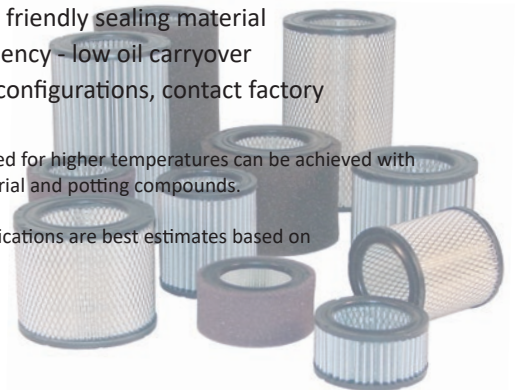
### Coalescing Media

#### PSG Media, FG Media, GL Media

- 0.3 micron, 99.97% efficiency
- ID: "PSG" prefix & "even nbr.": i.e. **PSG344**
- ID: "FG" prefix: i.e. **FG9**
- ID: "GL" prefix: i.e. **GL915**
- Heavy duty industrial glass media, reinforced with epoxy coated steel wire & expanded metal
- Continuous operating temp: 68°F (20°C) to 180°F (80°C)
- Environmentally friendly sealing material
- High D.O.P. efficiency - low oil carryover
- Multiple media configurations, contact factory

Note 1: Elements rated for higher temperatures can be achieved with optional gasket material and potting compounds.

Note 2: Media classifications are best estimates based on EN 779:2012.



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