

Filter Media Specifications

Standard Media

5 μ m 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 μ m 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 μ m 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 μ m 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

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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 I.D. and O.D.

Activated Alumina- AA Media

- ID: "AA" prefix & "even nbr.": i.e. AA850
- Desiccant used in the adsorption of water & oil vapor & 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)- 180°F (80°C)
- Environmentally friendly sealing material
- High D.O.P. efficiency - low oil carryover
- Multiple media configurations, contact factory



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 - S2Media

- Stainless steel pleated wire mesh
- ID: "even nbr." & "S" 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

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.

Contact Factory for Alternate Media