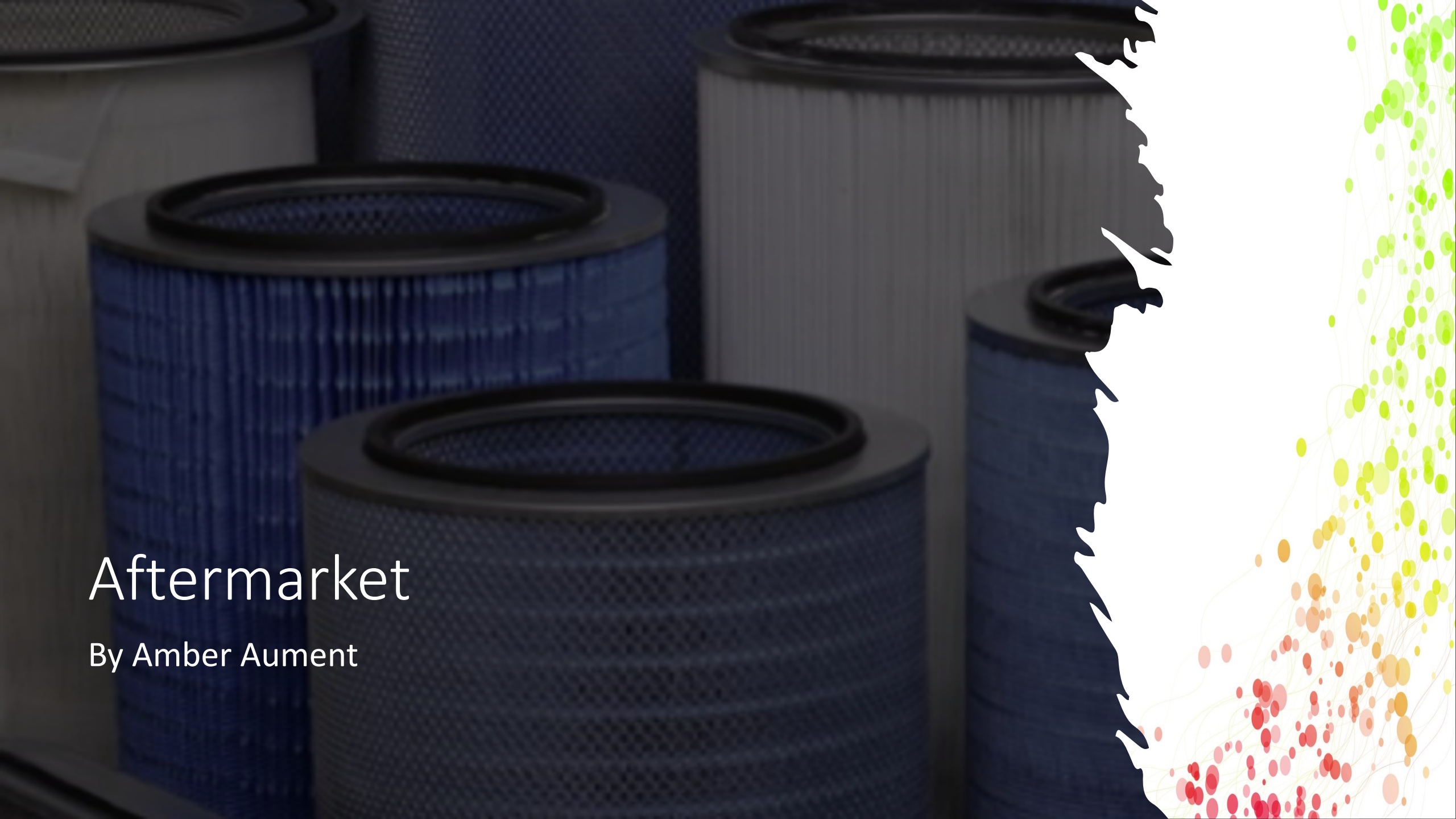
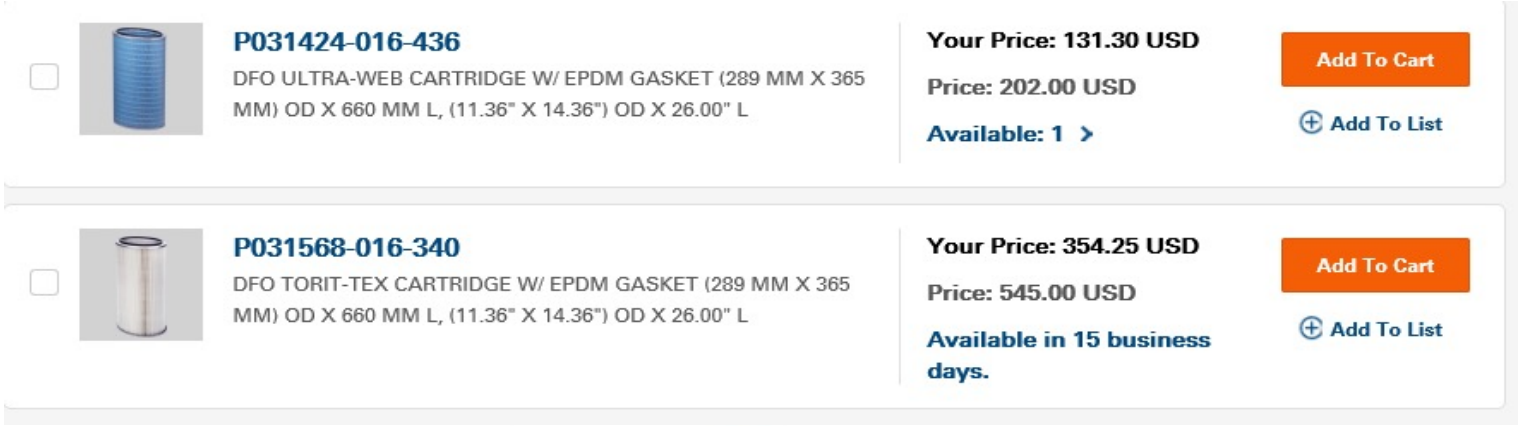


Aftermarket

By Amber Aument

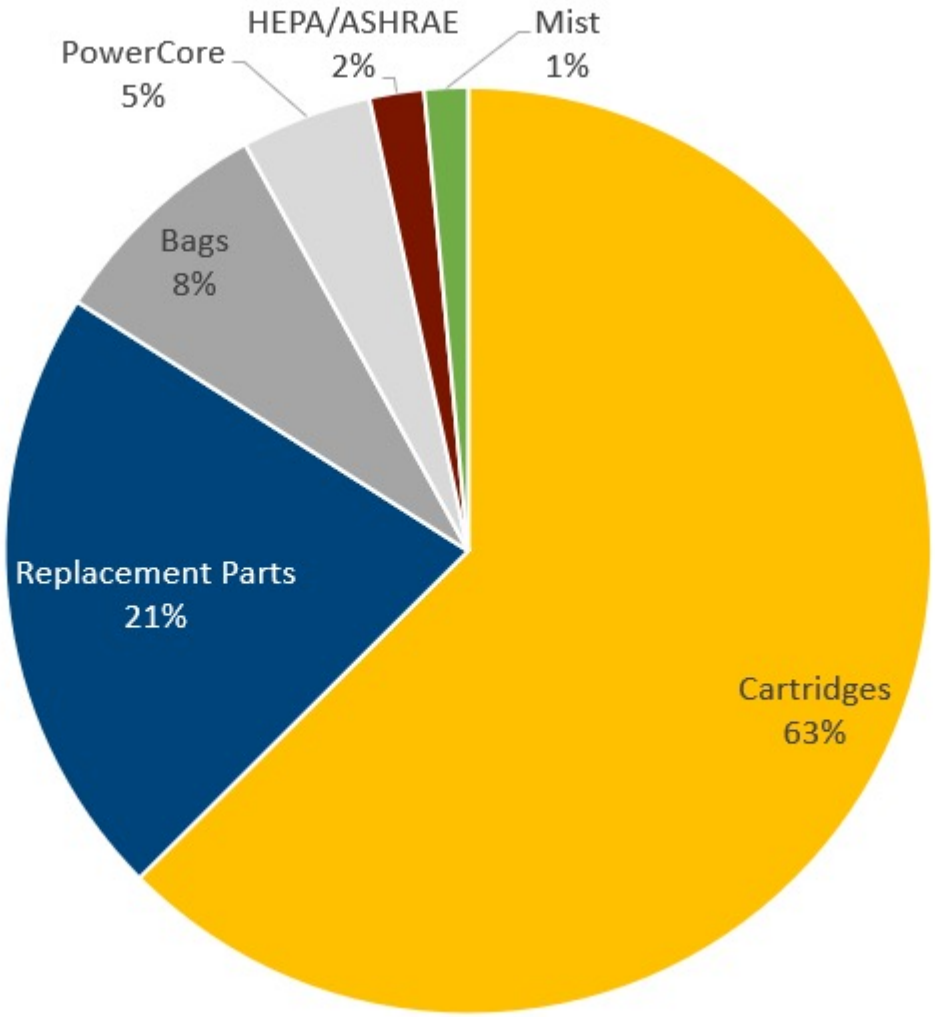
What is Aftermarket?

- Help customers order filters/parts



- Help customers figure out what filters or parts are needed
  - Resources: Donaldson website, catalogs, notes, list of vendors, Donaldson contacts

Donaldson Product Type Breakdown



Donaldson Cartridge Media Options

Technology Filters

- Ultra-Web
- Fibra-Web
- Ultra-Web SB
- Thermo-Web
- Ultra-Web Conductive FR

Specialty Filters

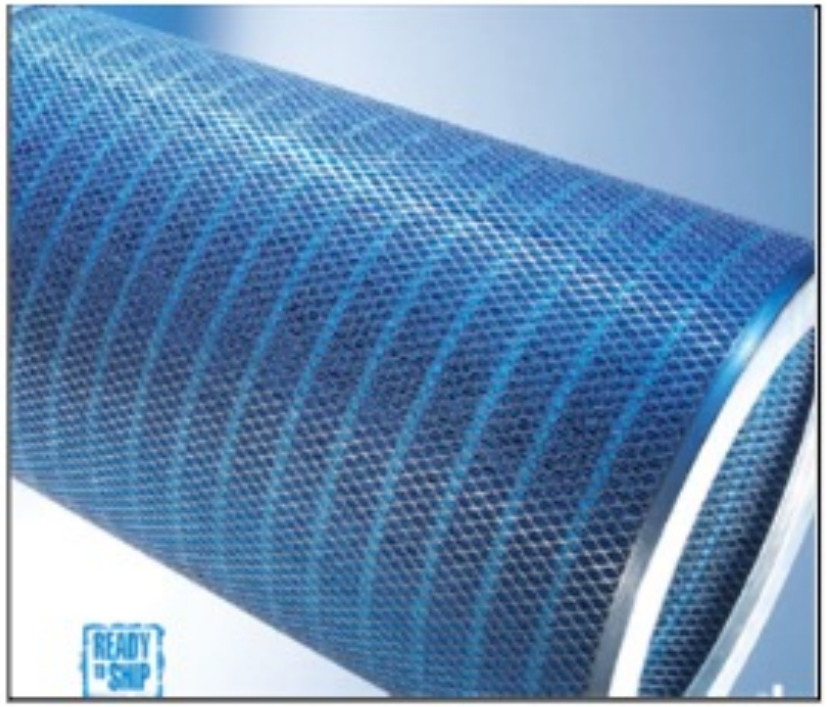
- Torit-Tex (CD/HCD)
- High Temp

Standard Filters

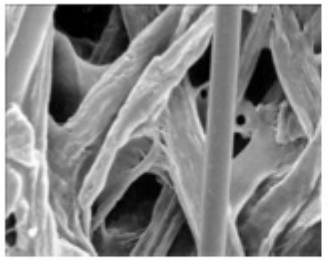
- Ultra-Tek
- Endura-Tek
- Cellulex

Ultra-Web

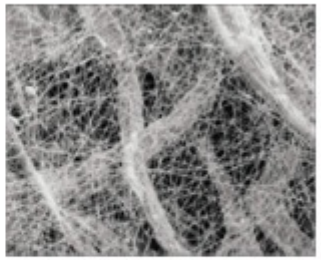
- Patented nanofiber media
- 30+ years of experience
- Distinctive Blue color
- Surface-loading capabilities optimum for pulse cleaning systems



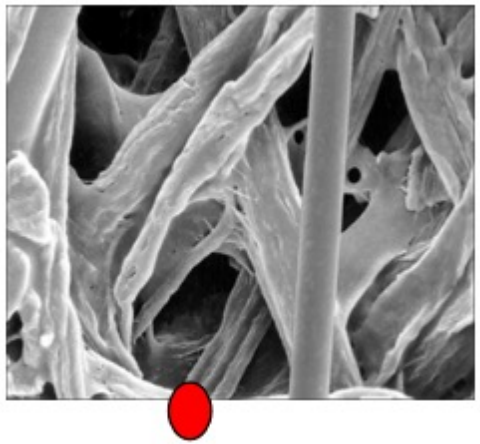
Cellulose vs Ultra-Web



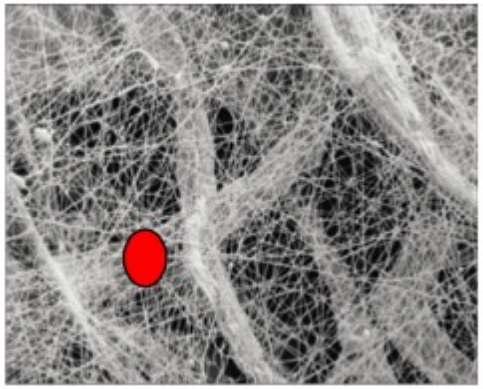
Cellulose media



Ultra-Web Media

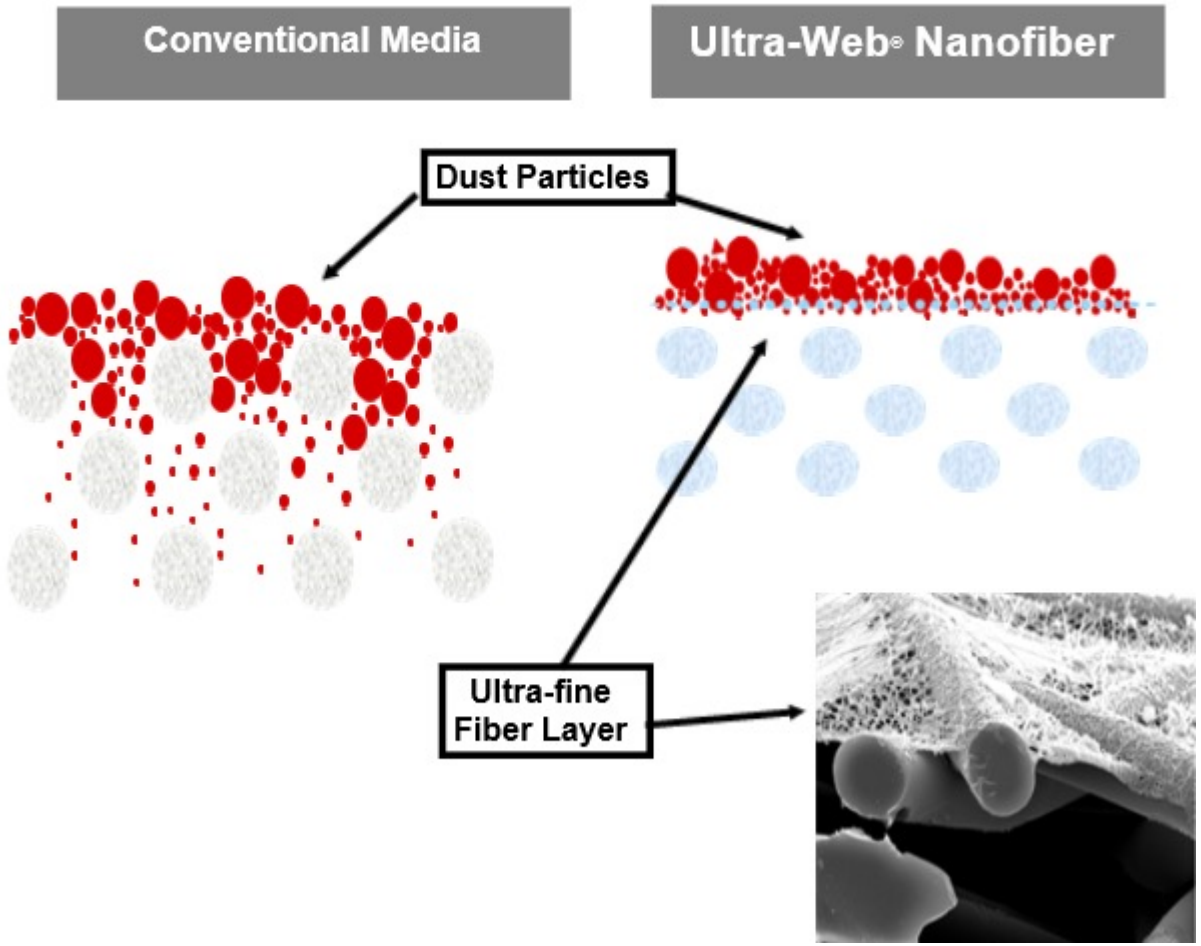


Cellulose fibers are larger than Ultra-Web® nanofibers, and have larger spaces between the fibers, causing contaminant to load in the depth of the media and plug the airflow path; resulting in higher restriction and less capacity.



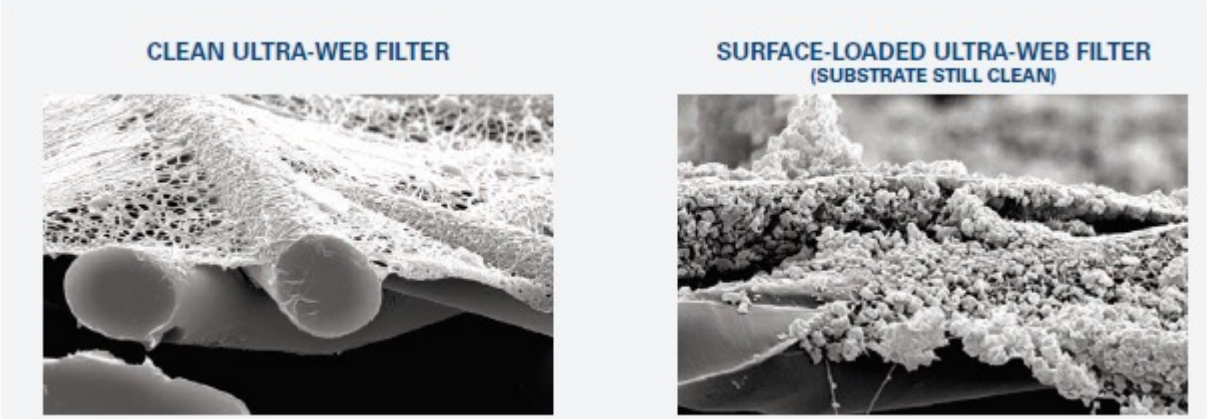
Ultra-Web nanofibers have submicron diameters and small interfiber spaces, which result in more contaminant being captured on the surface of the media and lower restriction.

Ultra-Web Media Comparison



Ultra-Web Features and Benefits

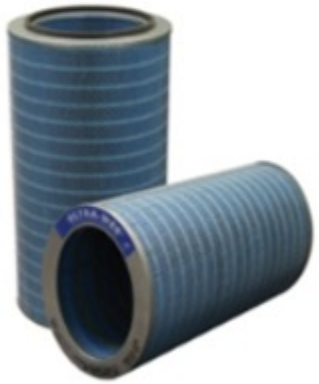
- Higher Efficiency
  - Cleaner workplace
  - Cleaner environment
  - Cleaner Air
- Surface Loading
  - Optimal pulse cleaning
  - Lower pressure drop
- Longer Filter Life
  - Lower energy and less compressed air use
  - Less downtime



ULTRA-WEB MEDIA

Ultra-Web®
MERV 15

(FR and NL available)



Application: Fine Dust

- Pharmaceutical
- Industrial
- Paint Pigments
- Thermal Spray
- Welding
- Carbon Black

Fibra-Web®
MERV 14

(FR available)

Fibrous Dust

- Ceramics
- Cotton
- Fiberglass
- Wood dust

Ultra-Web SB®
MERV 15

Moister, oily, abrasion

- Ceramics
- Tobacco
- Lime
- Surface blasting
- Grinding
- Polishing
- Powder coating

Thermo-Web®
MERV 14

High Temp
275 degrees

- Carbon
- Metal Powders
- Thermal Spray
- Cement
- Shot Blast

Ultra-Web Conductive FR®
MERV 15

Fine, Dry, Combustible Dust

- Coal
- Plastics
- Powdered Metals

SPECIALTY MEDIAS

Torit-Tex™
MERV 16

Recommended for chemical, food and industrial processing when product contamination must be minimized

- Dextrose
- Flour
- Sugar
- Whey

Torit-Tex™ CD & HCD
MERV 15

Electrostatic charges are present.

- Coal
- Plastic

CD-200 degrees
HCD-275 degrees

High Temp
MERV 13

Special gaskets & adhesives assure structural integrity and airtight sealing

- 350 degrees
- Cement
- Coal/Coke
- Ink

STANDARD MEDIAS

Ultra-Tek®
MERV 12

Endura-Tek™ and Endura-Tek XL™
MERV 10

(FR and NL available)

Cellulex
MERV 10

(FR and NL available)

Applications – Fibrous Dust	Applications – Non-Fibrous Dust in Humid Conditions	Applications – Dry, Fine Particulate
• Ceramics • Composites • Fiberglass • Wood Dust	• Gypsum • Shot Blast	• Various Dust Types (similar to Ultra-Web but a commodity version)

Filter Bags

- Dura-Life Bags
  - Engineered with a unique hydro-entanglement process that uses water to blend the bag fibers, leaving a smaller pore size, providing better surface loading.
- Standard Bags
  - Manufactured with a needling process which creates a larger pore size
- Specialty Bags
  - High Temp, High Efficiency
  - Needling process
- Pleated Bags

Bag Filter Options : Dura-Life

- Great for most applications up to 275F
- Tolerate some chemicals & abrasion
- Well suited for most applications

- Dura Life Anti-Static bags for when static is present.
- Coal, Corn Starch, Flour, Dextrose

- Prevent static charge build up in wet, oily or sticky applications
- Corn Starch, Fertilizer, Certain Food items

- Oily and sticky where static charge is present
- Coffee, Cocoa

Standard Bags

- 16oz
- 200F
- Lower Price
- Needling

- 16oz
- Rough Surface
- 275F
- Lower Price
- Needling

- 16oz
- Smooth Surface
- 275F
- Lower Price
- Needling

Specialty Bags

- Higher Temp. 400F
- Dry applications
- Foundries, Cement, Boilers

- High efficiency, surface loading & chemical resistant
- Very fine dust
- Toner, dyes, graphite, insecticide

- Very High Temp
- 460F
- Will handle some abrasion
- Kiln and ceramic

- Excellent for applications with chemicals and alkalin present.
- 375F
- Oil, Gas

Pleated Bag Benefits

- Combat Abrasion Issues
- Less Pressure Drop
- More Airflow
- 2-3 x longer filter life
- Less maintenance downtime
- One piece configurations for easy installation
- Less maintenance downtime