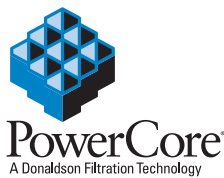


- Flame-retardant Ultra-Web® fine fiber media ensures longer filter life at a significantly lower pressure drop
- Surface filtration offers superior particle release
- Fluted construction allows more effective filter area to be packaged in smaller spaces
- Filter pack is designed with easy-grip handle
- Easy filter changeout for quick maintenance — no tools required.
- MERV\* 13 filtration efficiency rating (standard)
- MERV\* 15 filtration efficiency rating (optional)



## PROVEN TECHNOLOGY THAT PERFORMS

### PowerCore®TG Filter Pack

(Also available in Flame-Retardant and Anti-Static)

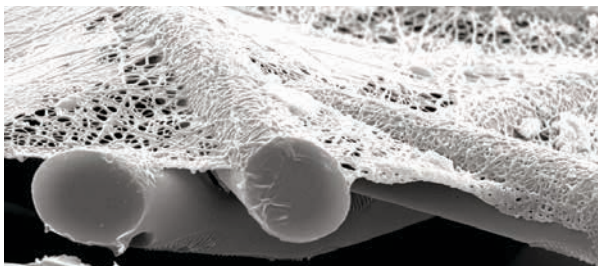
Proven and proprietary Ultra-Web® filter media delivers longer filter life, cleaner air and greater cost savings than other traditional filter media. It is made with an electrospinning process that produces a very fine, continuous, resilient fiber of 0.2-0.3 microns in diameter.

PowerCore filter packs with Ultra-Web media keep dust on the surface of the fluted channels where it is easily cleaned off unlike conventional filter bag material that depth loads, like 16 oz. (453.6 g) polyester.

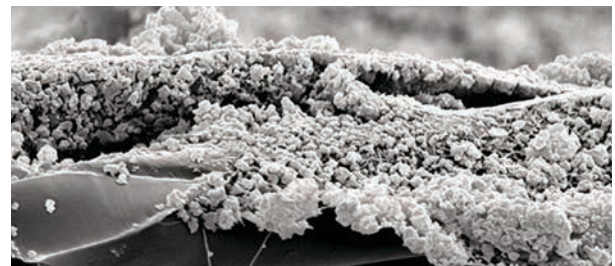
- Surface loading promotes filter cleaning and longer life
- Better pulse cleaning lowers operational pressure drop and energy use

## SEM† IMAGES

1 micron = 1/25,400 of an inch (1/1,000 millimeters)



**Clean Ultra-Web Media**



**Surface-Loaded Ultra-Web Media**  
(substrate still clean)

† Scanning Electron Microscope

\* Refer to Technical Information on page 2.

## APPLICATIONS

- Premium performance on fine, dry, fibrous and/or abrasive dust
- Longer life in aggressive/challenging applications
- Optional Conductive FR media available

### MEDIA COMPATIBILITY DATA

|                        |                                        |                                  |
|------------------------|----------------------------------------|----------------------------------|
| Temperature Resistance | 150°F<br>65°C                          |                                  |
| Moisture Absorption**  | Maximum 14% @ 70°F (21°C) and 65% RH   |                                  |
| Chemical Tolerance***  | Acids: Poor<br>Bases: Fair             | Oxidants: Poor<br>Solvents: Fair |
| Abrasion Resistance    | Excellent per TAPPI 476 (Taber Method) |                                  |

## SPECIFICATIONS

### MEDIA COMPOSITION

|                       |                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fine fiber Technology | Durable proprietary synthetic filter media fiber and polymer<br>Mean fiber diameter of 0.2 µm                                                                                                                                                   |
| Substrates            | Proprietary blend of cellulose fibers<br>Flame-retardant version per UL <sup>†</sup> Standard 558, TAPPI Standard T 461 om-94, and DIN 53438 Part 3<br>Conductive FR version per ESD STM 11.11-2001<br>Resistance less than 10 <sup>9</sup> OHM |

### MEDIA EFFICIENCY

|                        |                     |
|------------------------|---------------------|
| U.S. Efficiency Rating | MERV* 13 (standard) |
| U.S. Efficiency Rating | MERV* 15 (optional) |

### FILTER PACK CONSTRUCTION

|                       |                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------|
| Standard Construction | Rectangle design<br>Metal casing<br>Fluted media configuration<br>Urethane gasket<br>Built-in handle |
|-----------------------|------------------------------------------------------------------------------------------------------|

## CURRENT AVAILABLE CONFIGURATIONS

| Collector Models | Dimensions        |                       | PowerCore |            |                 |
|------------------|-------------------|-----------------------|-----------|------------|-----------------|
|                  | in                | mm                    | Standard  | Conductive | Flame Retardant |
| TG               | 36.2 x 16.7 x 5.3 | 919.5 x 424.2 x 134.6 | •         | •          | •               |

<sup>†</sup> UL is a registered trademark of Underwriters Laboratories, Inc.

\* The Minimum Efficiency Reporting Value (MERV) of this filter cartridge has been determined through independent laboratory testing using ASHRAE 52.2 (2007) test standards. The MERV rating was determined at a face velocity of 118 feet per minute (36.0 meters per minute) and loading up to four inches (101.6 millimeters) water gauge. Actual efficiency of any filter cartridge will vary according to the specific application parameters. Dust concentration, airflow, particle characteristics, and pulse cleaning methods all affect filtration efficiency.

\*\* Environmental conditions involving combinations of high temperature, corrosive material, and moisture can reduce media strength. Reduction in media strength may compromise cartridge integrity and performance.

\*\*\* A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise cartridge integrity and performance.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit at 800-365-1331.**

#### Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



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