



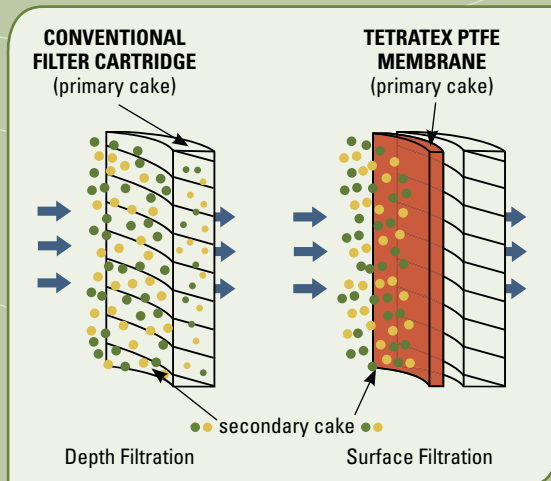
Donaldson Membranes — INDUSTRIAL FILTRATION

## PTFE MEMBRANE FILTRATION TECHNOLOGY FOR CARTRIDGE STYLE DUST COLLECTION

### BOOST PERFORMANCE AND PROFITABILITY – REDUCE OPERATING COSTS

Tetratex® is a surface PTFE (polytetrafluoroethylene) membrane that is laminated onto a variety of substrates. It does everything that a conventional filter cartridge media does — **only with unrivaled efficiency.**

- The “non-stick” nature of PTFE delivers exceptional dust cake release. As a result, air flow increases and pressure drop decreases (the loss of air or pressure across the system).
- This reduction in the pressure drop translates into considerable energy savings.
- The increase in the air-to-cloth ratio permits reduced baghouse sizing.
- By limiting fine particle penetration, Tetratex maintains a consistently excellent level of filtration *and* preserves the substrate’s integrity, lengthening the cartridge life.
- Less frequent cleanings mean lower maintenance costs and adds longer life.
- Near zero emissions meet or exceed the strictest regulatory standards.



ALL THESE BENEFITS ADD UP TO BETTER  
PERFORMANCE, LOWER OPERATING COSTS  
AND INCREASED PROFITABILITY.



For more information visit  
[www.tetratex.com](http://www.tetratex.com)



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Tetratex PTFE membrane 250x magnification

## PRACTICAL. PROFICIENT. PROVEN.

Tetratex is used in a variety of applications including baghouse retrofits, dust collection and air pollution control devices. It is sold in thermally laminated composite roll form to qualified filter cartridge manufacturers. It can also be applied to customer-provided substrates that meet our stringent quality assurance requirements.

Manufactured from PTFE fluopolymer resin, Tetratex is remarkably flexible. It is:

- Chemically inert and thermally stable up to 550°F (287°C)
- Exceeds all substrate chemical and thermal properties
- Capable of being thermally laminated onto the nonwoven spunbonded materials and needle-punched felts used in pulse-jet cartridge style dust collectors and baghouses.

To meet our customer's unique specifications, Tetratex can be thermally laminated onto the following filtration media:

### Needle-punched Felt

- P-84®
- Homopolymer Acrylic
- Aramid
- Polyester
- Polypropylene

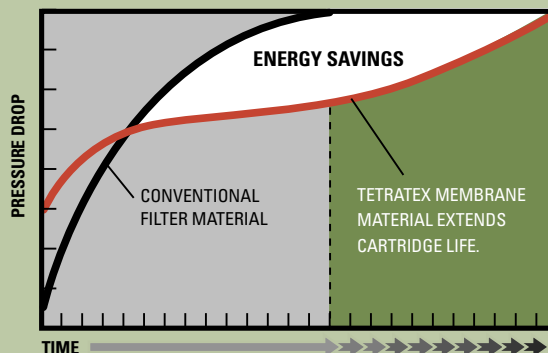
### Pleatable

- Polyester
- Conductive Polyester
- PPS (Polyphenylene Sulfide)

### ABOUT DONALDSON MEMBRANES, A DIVISION OF DONALDSON COMPANY, INC.

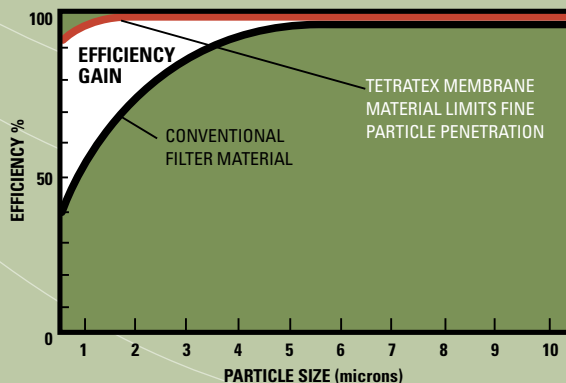
Donaldson Membranes offers technically superior, high quality PTFE membrane-based products. Founded in 1915, Donaldson Company is a technology-driven organization committed to solving customer needs through innovative research and development and superior customer service.

### ENERGY SAVINGS AND CARTRIDGE LIFE



Because Tetratex decreases the pressure drop (the loss of air or pressure across the system), it can, over time, deliver far more energy savings and bag life than a conventional filter cartridge media.

### CARTRIDGE MEDIA EFFICIENCY



In sharp contrast to conventional bags, Tetratex limits fine particle penetration — even particles as small as .05 microns — and, as a result, can consistently maintain its filtration efficiency.



Donaldson

Donaldson Membranes — Industrial Filtration

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