

# Tetratex<sup>®</sup> 2

## taking Industrial Filtration to a new level

Donaldson Membranes is a leading worldwide manufacturer of expanded microporous ePTFE membranes. We are a technology-driven company committed to satisfying customer needs through innovative research, development and continuous product improvement, with production and sales offices located throughout America, Europe and Asia.

Donaldson places great emphasis on high quality manufacturing and customer service and has been accredited ISO/9001:2000, a testament to our high standards.

Tetratex<sup>®</sup> 2 is a surface filtration ePTFE membrane that takes Industrial Filtration to a new level. Its unique design consists of small, randomly connected fibers of ePTFE. Tetratex 2 is a cut above standard membrane technology, rendering an effective pore size many times smaller than can be seen by the naked eye and allowing higher air flow. **The result is an incremental increase in air flow versus standard membrane with the same efficiency.**

Tetratex<sup>®</sup> 2 is laminated onto a variety of felt substrates, and is sold in roll form to qualified filter bag manufacturers. It is used in a variety of applications that require higher air flow than standard membrane products for air pollution control and product recovery.

By combining Tetratex<sup>®</sup> 2 with the appropriate substrate, a filtration solution can be created that meets the precise performance parameters required for virtually any high-flow filtration challenge.



# Tetratex<sup>®</sup> 2

www.tetratex.com

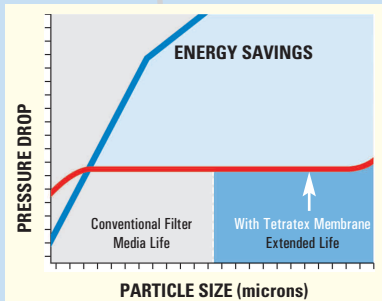
## Features and Benefits

- By limiting fine particle penetration, Tetratex 2 maintains a consistently exceptional level of filtration efficiency thereby preserving the substrate's integrity.
- High performance ePTFE membrane delivers high particulate capture rates and excellent dust cake release.
- Tetratex 2 is an excellent solution for applications with dust collection challenges related to moisture, emissions requirements, grain loading or sub-micron particle sizes.
- Increased bag life can be achieved due to the extreme non-stick properties of the ePTFE membrane.
- Lower differential pressure and subsequent reduced cleaning translates into energy savings and maintenance savings.
- Near zero emissions meet or exceed the strictest regulatory standards.

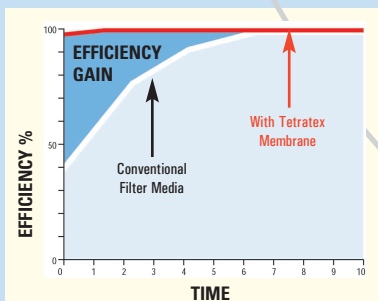
## Felt Substrates

Polyester • Homopolymer Acrylic • Aramid felts • PPS

### Pressure Drop



### Filtration Efficiency



## Typical Industries

Tetratex 2 is an ideal choice for process applications where an incremental increase in airflow and production is desired:

### Minerals

- Cement Finish Mills
- Lime Hydrators
- Gypsum Raymond Mills/Calciners

### Food

- Milk Spray Dryers

### Fine Chemicals

- Carbon Black
- TiO<sub>2</sub> Micronizers - Spray Dryers
- PVC

### Pharmaceutical

- Milling
- Grinding
- Drying



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