



## Tetratex® ePTFE Filter Media for Cartridge Style Dust Collectors

Donaldson Membranes is a leading worldwide manufacturer of microporous expanded PTFE membranes, films and laminates. A technology-driven company committed to satisfying customer needs through innovative research and development, with production and sales offices located throughout Europe, America and Asia.

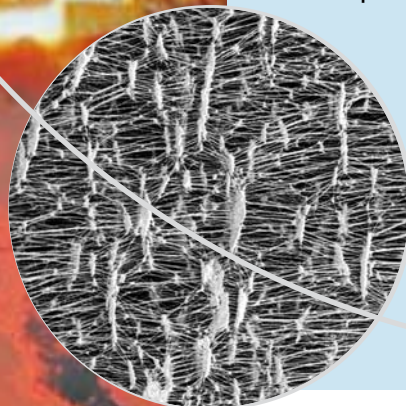
Donaldson places great emphasis on high quality manufacturing and customer service and has been accredited ISO/TS16949 and environmental certificate ISO14001, testaments to our high standards.

The unique microporous structure of Tetratex® ePTFE membrane comprises millions of small randomly connected fibrils many times smaller than can be seen by the naked eye. The result: The efficient collection of very fine particulate whilst allowing gas to freely permeate the media.

Tetratex is a surface filtration ePTFE membrane which can be laminated to a variety of non-woven spunbonded substrates. It acts as a primary dust cake requiring no precoat before operation. By limiting the particulate penetration, Tetratex helps to preserve substrate integrity, whilst maintaining optimum airflow at a reduced pressure drop.

### Application

Filter collector retrofits, dust/product collection and air pollution control devices for environmental protection. Filtration systems used in work place safety, system protection and product recovery.

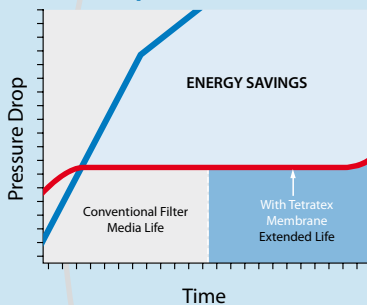


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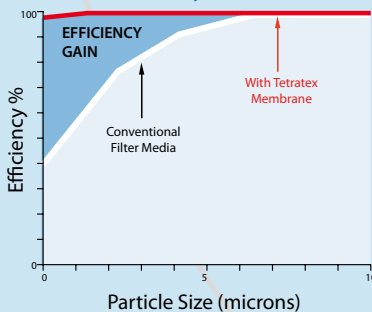
## Features and Benefits

- Near-zero emissions meet required regulatory standards
- Exceptional dust cake release allows for higher airflow and reduced pressure drop
- Increased filter element life and less frequent cleaning delivers reduced maintenance costs
- Reduced pressure drop resulting in energy savings
- Reduced capital and operational costs lead to increased profitability.

### Pressure Drop



### Filtration Efficiency



## Typical Industries

- Chemicals
- Food & Confectionary
- Metals



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Please contact us if you would like advice on maximising filter efficiencies. We offer a range of support services including troubleshooting and filter media analysis.

Donaldson Membranes **UK, Ireland, Scandinavia, Nordic Regions and Benelux**  
 T +44 (0)1942 711 711  
 F +44 (0)1942 711 571  
 E membranes-europe@donaldson.com

Donaldson Membranes **France and North Africa**  
 T +33 546 831 147  
 F +33 546 831 450  
 E membranes-fr@donaldson.com

Donaldson Membranes **The Middle East, CIS Countries and Baltic States**  
 T +45 51 15 83 63  
 F +45 33 15 83 63  
 E membranes-europe@donaldson.com

Donaldson Membranes **Germany and Eastern Europe**  
 T +49 259 478 1692  
 F +49 259 478 1693  
 E membranes-de@donaldson.com

Donaldson Membranes **Iberia and Italy**  
 T +34 933 394 266  
 F +34 933 395 340  
 E membranes-es@donaldson.com

