



**Donaldson**  
FILTRATION SOLUTIONS

# Tetratex<sup>®</sup> *EXTREME* ePTFE Filter Media

**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.**

Tetratex<sup>®</sup> *EXTREME*, the next generation of Tetratex, is a surface filtration ePTFE membrane, laminated onto a variety of substrates for dust collector applications, providing the flexibility to meet your needs. It acts as a primary dust cake requiring no pre-coat before operation.

By limiting fine particulate penetration, Tetratex *EXTREME* can be used in a variety of applications that require a high airflow; delivering high capture rates, lower constant operating pressure drop resulting in extended filter bag life and energy savings.

**A high value ePTFE membrane with excellent dust cake release properties.**

Tetratex *EXTREME* is manufactured from PTFE Fluoropolymer resin. It is a chemically inert material that virtually eliminates concerns regarding fiber contamination. Tetratex *EXTREME* membrane is thermally stable up to +280°C.

Tetratex *EXTREME* is sold in roll form to qualified filter bag and cartridge manufacturers.

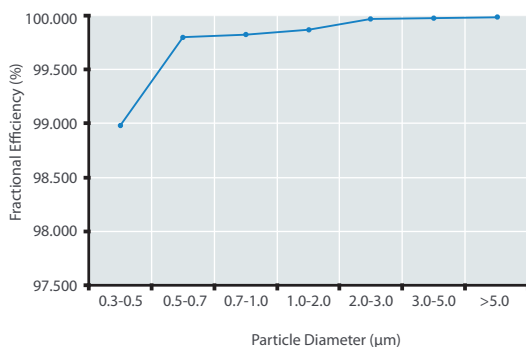
#### **Features and Benefits**

- Next generation of Tetratex ePTFE membrane
- Increased airflow capability
- Excellent particulate capture rates and superior dust cake release
- Near-zero particulate emissions meeting required regulatory standards
- Lower constant operating pressure drop
- Extended filter bag life through less frequent cleaning
- Increased production through less down time
- Increased profitability through greater dust collector efficiency and lower energy costs



 **Tetratex<sup>®</sup>**

## Fractional Efficiency Chart



Substrates	Tetratex EXTREME
Acrylic	•
Aramid	•
Polyester	•
Polyester Antistatic	•
PPS	•



## Typical Applications

<b>Chemicals</b> <ul style="list-style-type: none"> <li>• Detergents</li> <li>• Fertilizers</li> <li>• Pigments</li> <li>• Pharmaceuticals</li> </ul>	<b>Energy</b> <ul style="list-style-type: none"> <li>• Ash Handling</li> <li>• Bin Ventings</li> <li>• Boiler Flue Gas</li> </ul>
<b>Metals</b> <ul style="list-style-type: none"> <li>• Foundry</li> <li>• Oxides</li> <li>• Steel Furnace</li> </ul>	<b>Minerals</b> <ul style="list-style-type: none"> <li>• Cement -Finish Mill</li> <li>-Raw Mill</li> <li>• Gypsum -Kilns</li> <li>-Mills</li> <li>• Lime -Kilns</li> <li>-Mills</li> </ul>

## Service and Support

### Troubleshooting

Technical support available for process and media assessment

### Filter media analysis

Full laboratory capabilities for element condition trending

### Joint visits

Provision of on-site customer support

### Technical seminars

Tailor-made training sessions available to suit specific requirements

### Marketing support materials

Complete online library of promotional materials  
Media samples available upon request

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