

# Tetratex® *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® *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 element life and energy savings.

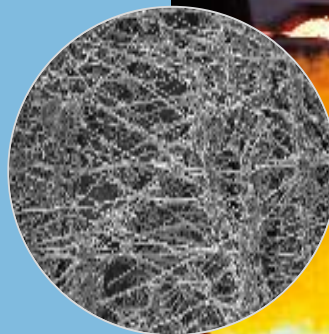
## **A high value ePTFE membrane with excellent dust cake release properties.**

Tetratex *EXTREME* is manufactured from PTFE Fluoropolymer resin. It is a chemically inert material that virtually eliminates concerns regarding fibre 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 element life through less frequent cleaning
- Increased production through less down time
- Increased profitability through greater dust collector efficiency and lower energy costs

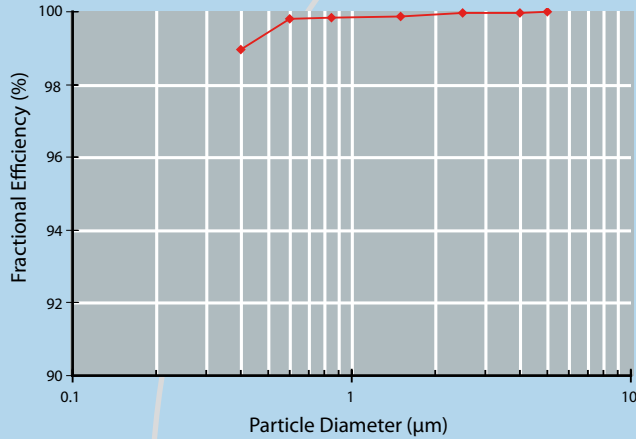


# Tetratex<sup>®</sup> EXTREME

## ePTFE Filter Media

www.donaldson.com

### Fractional Efficiency Chart



### Substrates

Acrylic	Polyester Antistatic
Acrylic Antistatic	Polyester
Aramid	Polyimide
Aramid Antistatic	Polypropylene
Pleatable Aramid	Polypropylene Antistatic
Pleatable Polyester	PPS
Pleatable PPS	PPS Antistatic

### 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



### Typical Applications

#### Chemicals

- Detergents
- Fertilisers
- Pigments
- Pharmaceuticals

#### Energy

- Ash Handling
- Bin Venting
- Boiler Flue Gas

#### Metals

- Foundry
- Oxides
- Steel Furnace

#### Minerals

- Cement - Finish Mill
- Cement - Raw Mill
- Gypsum - Kilns
- Gypsum - Mills
- Lime - Kilns
- Lime - Mills



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Please contact us if you would like advice on maximising filter efficiencies.

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