



Donaldson Filter Components Ltd  
Martland Mill Business Park,  
Stone House Road,  
Wigan. WN5 0LE  
England  
Tel: +44 (0) 1942 211611  
Fax: +44 (0) 1942 214197  
E-mail: [membranes-europe@mail.donaldson.com](mailto:membranes-europe@mail.donaldson.com)  
[www.donaldson.com](http://www.donaldson.com)

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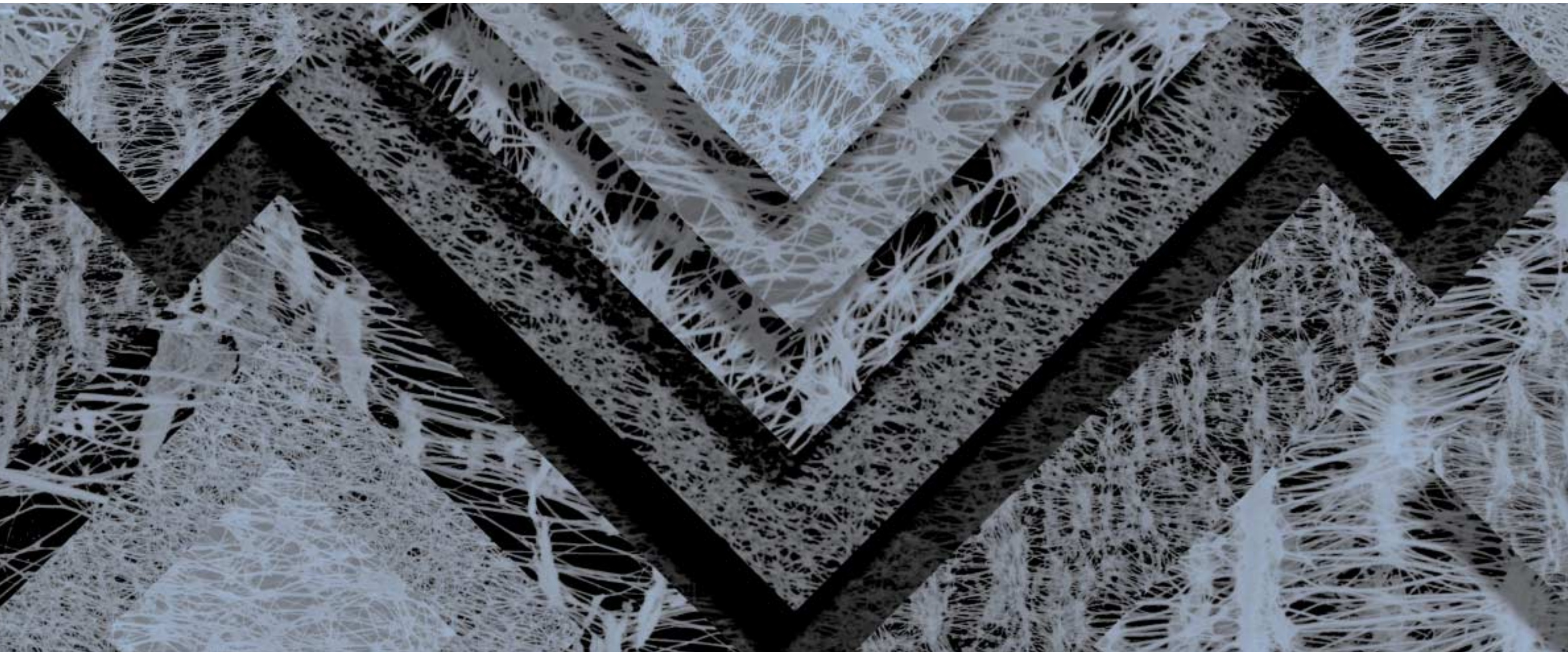
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## High Performance PTFE Membranes

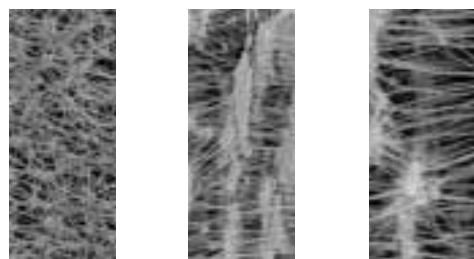


# Quality driven by knowledge

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

Tetratex ePTFE membranes are designed for use in a diverse range of applications such as environmental and pollution control, fluids separation, water-resistant venting and the manufacturing of military and emergency service garments.

PTFE (polytetrafluoroethylene) is chemically and thermally stable even in extreme conditions. The specialist expertise of Donaldson Membranes enables us to manufacture ePTFE Membranes to a wide range of pore structures, widths and thickness to meet the most demanding requirements of industry.



# Exacting standards



The Tetratex PTFE Membrane is extremely water repellent while allowing air and moisture vapour to pass through it. It is made up of millions of small, randomly connected fibres which create a microporous structure many times smaller than can be seen by the naked eye.

This together with the membrane's hydrophobic characteristics results in an extraordinarily breathable and waterproof fabric. Materials which have been laminated to Tetratex Membrane produce garments that provide superior comfort and protection from wind, rain and freezing temperatures.

Tetratex high performance fabrics are also ideal for protecting workers who handle chemicals. The Tetratex PTFE Membrane provides an important layer of protection against chemical splash and acts as a barrier where contamination can affect worker safety and product quality.

# Exceptional performance

Increased awareness of the effects of environmental pollution has led to the worldwide institution of more stringent legislation to reduce the levels of harmful solid particulate in the atmosphere. Conventional filter media will no longer meet these new requirements. Tetratex ePTFE membrane filter media, offering exceptional performance, is proven to meet and exceed the strictest controls for air and dust filtration.

Tetratex ePTFE filter media is the technology of choice in many industries, offering many benefits and advantages, including:

- Near zero emissions exceeding the strictest regulatory standards
- Increased lifetime and less frequent cleaning, delivering lower maintenance costs
- Exceptional dust cake release allowing higher airflow and reduced pressure drop
- Reduced pressure drop resulting in energy saving
- Decreased capital and operational costs leading to increased profitability

