



Tetratex[®]

Donaldson Membranes is a leading worldwide manufacturer of 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 The United States, Europe and Asia.

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

Tetratex ePTFE membrane has a unique microstructure. It comprises millions of small randomly connected fibrils that render an effective pore size many times smaller than can be seen by the naked eye. The result: Tetratex media collects very fine particles while allowing air to freely permeate the membrane.

Tetratex is a surface filtration ePTFE membrane, laminated to woven needlefelt substrates. It acts as a primary dust cake requiring no pre-coat before operation. By limiting fine particle penetration, Tetratex preserves the filter substrate integrity, while maintaining optimum airflow at a reduced pressure drop.

Tetratex high performance ePTFE membrane delivers high particulate capture rates and excellent dust cake release.



Tetratex®

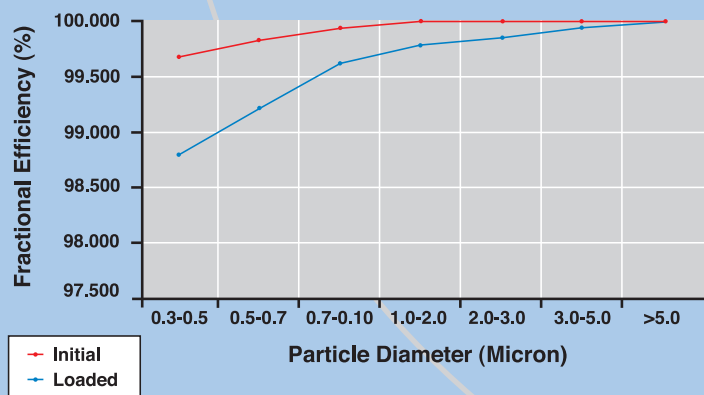
www.tetratex.com

Features and Benefits

- Near zero emissions meet the required regulatory standards
- Increased bag life and less frequent cleaning can be achieved due to the extreme non-stick properties of the ePTFE membrane. Delivers lower maintenance and operational costs
- Tetratex provides increased efficiency, decreased operational costs resulting in increased profitability.
- Lower constant operating pressure resulting in energy savings
- Tetratex high performance ePTFE membrane delivers high particulate capture rates and excellent dust cake release.

Substrates

Polyester
 Polypropylene
 Homopolymer Acrylic
 Aramid
 PPS
 P84
 Fiberglass
 PTFE



Typical Industries

Mineral

- Cement
- Lime
- Gypsum

Food/Pharmaceutical

- Spray Dryer
- Milling
- Grinding

Chemical

- Carbon Black
- TiO₂
- Pigments

Metal

- Lead Oxide
- Iron & Steel Furnance

Energy

- Boilers
- Incinerators



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 Printed in the United States
 Publication Code: T07: Revision 1

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ISO/9001:2000
 FM 90608