

ePTFE Membranes for Healthcare

Advanced Filtration, a division of Donaldson Company Inc, is the leading worldwide manufacturer of Tetratex® microporous expanded PTFE membranes, films and laminates. A technology-driven company committed to satisfying customer needs through innovative research and development, with sales offices located throughout Europe, America and Asia.

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

Tetratex ePTFE membrane has a unique microporous structure. It comprises millions of small randomly connected fibrils many times smaller than can be seen by the naked eye.

Ideal for Medical Applications

Tetratex ePTFE membranes have been specially engineered to meet some of the most critical specifications worldwide to provide complete protection against the most demanding medical conditions.

Donaldson Tetratex ePTFE membrane, films and laminates can be used in a wide variety of medical applications including face masks, transducer protectors, ostomy bags and much more. The clean, non-shedding and chemically inert characteristics of the ePTFE membrane make this an ideal material for medical applications.

All of these benefits add up to improved performance for critical applications.



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Features and Benefits

Tetratex ePTFE membrane offers a number of unique benefits for healthcare applications, these include:

- Biocompatibility
- Thermal stability
- High air and liquid flow rates
- Chemically inert
- Clean, non-shedding, minimal extractables
- Toxicity tested to USP 23, Class VI
- Baterial-challenge tested
- Hydrophobic, permeable water barrier
- Oleophobic option, repels water

Tetratex ePTFE Membranes are:

Efficient

- Available in pore size ranging from 0.05 microns up to 7.0 microns

Reliable

- We place great emphasis on high quality manufacturing and customer service. We will gladly work with you to select the right solution to meet your unique requirements.

Flexible

- Thermobonded to polypropylene and polyester substrates and are available in film thicknesses from 0.2 mils to 10 mils.

Applications

- Wound Care
- Ostomy Bags
- Urine Bags
- Drainage Bags
- Medical Device Enclosures
- Vent Caps
- IV Administration Sets
- Spike Vents
- Transducer Protectors
- Surgical Smoke Filters
- Surgical Suction Filters
- Face Masks

