



**Donaldson**  
FILTRATION SOLUTIONS

**TETRATEX®**  
**BICOMPONENT RANGE**

**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.

Combining Tetratex ePTFE films with a bicomponent substrate gives customers the opportunity to choose a product that is optimally adapted to many filtration and venting requirements.

## **APPLICATIONS**

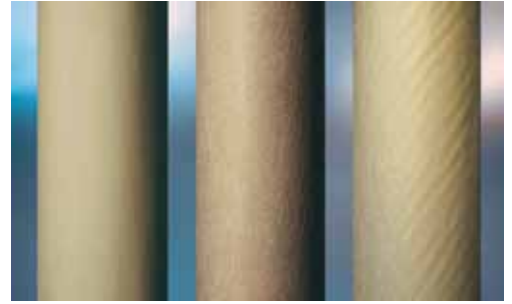
- Sensors
- Electronic Enclosures
- MEMS/Microsystems
- Mobile Phones
- Headlamps
- Hearing Aids
- Caps and Closures
- Transducer Protectors
- Ostomy and Urine Bags
- Solar Panels
- Displays (OLED, LCD, LED etc)



# TETRATEX® BICOMPONENT RANGE

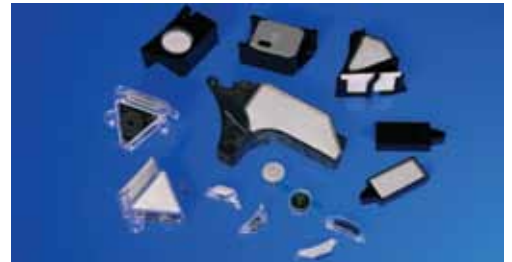
## FEATURES & BENEFITS

- Advanced Filtration produces a large variety of ePTFE films to provide the degree of protection, filtration efficiency and gas exchange demanded by various applications.
- To improve the processability and mechanical sturdiness a substrate or support layer is laminated onto the ePTFE.
- This specific substrate is composed of a combination of different plastic polymers. Together they guarantee easy connection to other materials as well as excellent mechanical resistance in harsh environments.
- Both layers are bonded without the use of any adhesive, this results in good long term stability and high resistance to solvents.
- Available in a range of pore sizes from 0.2 to 1.5 microns.



## TYPICAL INDUSTRIES

- Automotive
- Food
- Medical
- Telecoms



## PRODUCT CONSTRUCTION

Type	Thickness (mm)	Airflow (l/min/cm@0.7 bar)	Water Entry Pressure (Kpa)
6667	<0.3	>3	>550
6860	<0.3	>1.5	>550
6861	<0.3	>5	>300
6863	<0.3	>15	>100
6865	<0.3	>25	>100

Contact us to increase the reliability of your micro-electronics.



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