

# ENDUREX E16

High Efficiency Micro-Fiber Technology

## Ultra Efficient Cartridge Filter

The Endurex™ E16 filter media uses nanofiber technology to achieve higher efficiency filtration to deliver longer filter life, cleaner air and greater energy savings. The Endurex filters feature wide pleat spacing which allows thorough pulse cleaning of microscopic and fibrous particulate from plasma and laser cutting applications. The Endurex media, with its tight uniform pore size does not allow particulate to embed into the media substrate as with other technologies and will thus stabilize at a lower pressure drop making it the perfect media for tough, heavy loading applications where HEPA filtration efficiencies are required.



- Gasket:** 0.625 x 0.625 Neoprene
- Pleat Depth:** 2"
- Filter Media:** High-Efficiency Expanded PTFE Membrane
- Inner Cage:** Galvanized Expanded Metal
- Outer Support:** 2 Outer Support Bands
- Potting Material:** Urethane
- End Cap Depth:** 0.3"
- Efficiency:** 99.9 @ .3 micron
- Max. Operating Temp:** 275° F

### EndurEx Filter Media Technical Specifications:

	UNITS	NOMINAL VALUE		UNITS	NOMINAL VALUE
<b>Basis Weight:</b>	lb/3000 sq ft	121	<b>Corrugations:</b>	Mils	14.80
<b>Weighted Efficiency:</b>	%	99.99	<b>Max. Pore Size (Bubble Point):</b>	1st. 394(ins. of H2O)	8.70
<b>Frazier Air Flow:</b>	CFM/sq.ft @ 0.5 in H2O	16.9	<b>Mullen Burst Strength:</b>	PSI	287
<b>Caliper:</b>	Mils	39.75	<b>Volatiles:</b>	%	6.646

Due to continued engineering, all specifications are subject to change without notice. ©2008 Great Lakes Air Technologies, Inc.