QUADRAFOAM™ AIR FILTERS

Protect equipment with fire resistant, cleanable, NEBS Certified air filters for electronics enclosure applications deployed in indoor equipment rooms or harsh outdoor environments.

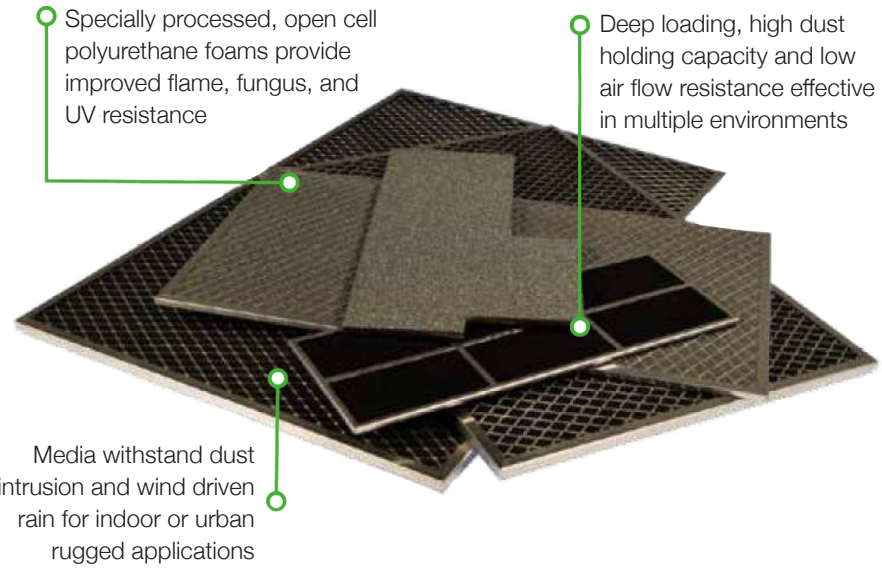
Quadrafoam™ air filters offer low pressure drop, fire resistance, and the ability to capture large amounts of airborne dust in industrial enclosure applications. Quadrafoam™ is ideal for equipment where cleanable and reusable filters are most appropriate.

Quadrafoam™ air filters are offered in broad range of porosites (PPI) to meet custom filtration performance requirements. The filters comply with UL 94 HF-1 Self-extinguishing flame safety standards for electronics in industrial, medical, telecom, power gen, and military electronics air filter applications. Quadrafoam™ air filters are the ultimate filtration solution in networking and communication equipment where compliance to NEBS, ATCA and other industrial computer specification are required.

Quadrafoam™ II offers the same features and benefits as Quadrafoam™, but with additional durability for rugged applications and hard environments where the air filter will be more consistently exposed to high heat and moisture.

Performs three distinct functions:

1. Fire resistant, self extinguishing and UL 94 HF-1 compliant
2. Cleanable and reusable filters with NEBS and other industry standards compliance
3. High dust arestance with low pressure drop



SPECS:

- Open cell, specially-engineered, polyurethane foams
- Flame retardant, NEBS Certified, helps comply with other IEC and IP industry requirements
- Fungus resistant, UV protections, and hydrolytic stability
- Low air flow resistance for use in a wide variety of indoor and outdoor conditions
- Deep loading, high dust arrestance filter media
- Cleanable and reusable filters
- Roll formed frame into a strong, sturdy one-piece channel, using .025" thick, 3000 series aluminum
- Precision sheet metal frames available for various shapes and low-profile configurations
- Meets NEBS, UL, and CE standards

Universal air filter
Filtration Group®

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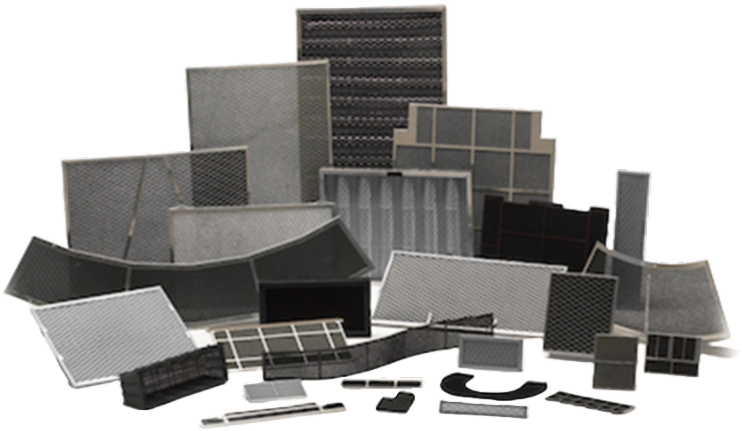
NEBS Certified Air Filters for electronic enclosure applications.

QUADRAFOAM™ AIR FILTER FEATURES:

- Ideal solution for electronics enclosure applications deployed in harsh environments
- Withstands prolonged exposure to high temperature and high humidity
- Flame retardant and meets UL 94 HF-1 Standards for electronics, NEBS certified
- Aluminum components can be treated with special RoHS compliant protective finishes to provide corrosive protection

Applications:

Quadrafoam™ air filters offer high dust arrestance and low resistance for maximum air flow when installed in a variety of indoor and outdoor equipment and electronics cooling applications - where cleanable and reusable filters are most appropriate. Low-profile models can be specifically designed for equipment with limited space.



Industries:

Universal Air Filter's diverse line of NEBS certified and UL Classified air filters offer the protection your unique product requires. Whether you need a filter for electronics, telco, data center, medical, power gen, military/defense or general industrial needs, your equipment is protected from the harshest environments. Take a look below or request a free prototype now.

Media:

Quadrafoam™ – an open cell polyurethane foam–is used as the filtering media in all Quadrafoam™ filters. This media is specially processed to provide improved fire retardant fungus resistance. It has deep loading, high dust holding capacity and low air resistance. Quadrafoam™ is cleanable and reusable.

Quadrafoam™ Product Options

Model	Media Thickness	Frame Thickness
FF-2X	3.17mm (0.125") or 6.35mm (0.25")	5.85mm (0.23")
FF-3	6.35mm (0.25")	7.62mm (0.30")
FF-5	6.35mm (0.25") or 9.53mm (0.375")	10.93mm (0.43")
FF-5X	9.53mm (0.375") or 12.70mm (0.50")	12.70mm (0.50")
FF-1025-B	6.35mm (0.25")	22.35mm (0.88")
FF-1050-B	12.70mm (0.50")	22.35mm (0.88")

Standards and Classifications:

UL 900, UL 94 HF-1, NEBS GR-63-CORE, ATCA, NEBS GR-78-CORE, MicroTCA, Compact PCI, IEC, IP, NEMA, FMVSS 302

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