

MORE

than just a simple filter

AEOLUS
FINEST SYNTHETIC FIBER



InfiniPleat®

Co-developed and licensed with AFNW and AFNW Services

Optimize your filter system!

Your advantages with InfiniPleat®

- > Eliminate bypass gaps* by using a new frameless filter design, sealing up when installed
- > Benefit from low resistance media and saving energy due to a larger surface area (up to 4x more)
- > Ensure clean air quality protecting downstream equipment over an extended period of time
- > Eco-friendly by reducing waste and allowing for up to 75% less filter changeouts
- > 100% extruded polypropylene (PP) spacer beads and filter media
- > Provides frameless stability to withstand higher air velocities

* Please see Jeffrey Siegel, PhD, article "Modeling Filter Bypass: Impact on Filter Efficiency," 2005



Use smart phone camera to scan to our
website www.afnwservicesllc.com

Your official distributor of InfiniPleat®

Since 1993, clients have trusted AFNW® to provide solutions tailored to meet or exceed all industrial, commercial and institutional indoor air requirements.

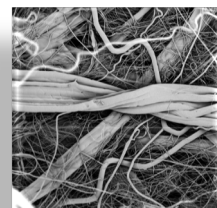


In 2016, AFNW, Inc created AFNW Services, LLC to provide installation services specializing in the development of customized solutions problematic for data center owners and end users. In cooperation between AFNW and Aeolus, we are able to offer you a solution with excellent technical features – InfiniPleat. AFNW Services is the only company factory authorized to sell and install InfiniPleat. For more information visit: www.afnwservicesllc.com or call (503) 968-3261

InfiniPleat® with patented "Integrated Nanofiber Technology"

The decisive advantage of our patented fine fiber technology is the 3D media design showing progressively embedded coarse and fine fibers. This way, a much more precise and configurable depth filtration is created by using a third dimension effectively. Through this proprietary technology, InfiniPleat stands out with the following technical features:

- > Up to **4x the surface area** of traditional pleated filters
- > **Integrated nanofibers** are well protected against damage
- > **Non-shedding** due to endless fibers
- > Unique PP spacer beads and media for strength and damage resistance
- > Outstanding **hydrophobic and antimicrobial** properties with 100% PP construction



Technical details of InfiniPleat®

(based on the following InfiniPleat size: 2ft x 10ft x 1-2 inch / 610 x 3050 x 22-44 mm)

InfiniPleat style:	Filter media area in m ² / sqft:	Count of pleats:
22 mm	17,1 m ² / 184 sqft	635
44 mm	24,8 m ² / 267 sqft	462
92 mm	42,9 m ² / 462 sqft	382

InfiniPleat 1 inch

(tested with size: 24x24x1 inch / 593x593x22 mm)

