

The power of OptiCone filters

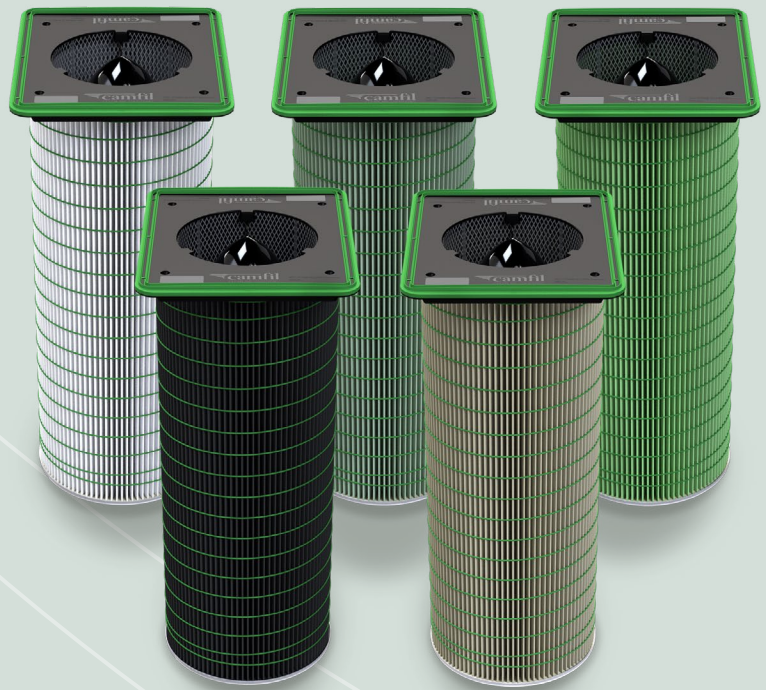
Cleaner operation. Longer life. Superior performance.

Each OptiCone™ filter cartridge is engineered with proprietary OmniPleat® technology, providing exceptional dust collection and extended service life compared to conventional pleated filters.

The innovative open-bottomed inner cone design greatly increases the cartridge's usable surface area. Synthetic beads on both sides of the OmniPleat media keep pleats evenly spaced, exposing more filtration media to the airstream. This configuration captures more dust and releases it easily during pulse cleaning, keeping filters cleaner for longer.

Unlike traditional horizontal cartridges, the OptiCone design directs dust straight into the hopper, not onto neighboring filters. During each pulse, air is evenly distributed from top to bottom, ensuring efficient cleaning across the entire filter. The result is superior dust ejection, lower operating pressure, and longer-lasting performance.

OmniPleat® technology further enhances OptiCone performance by keeping filtration media evenly spaced and fully exposed to airflow. This allows more usable media area, improved dust release during pulse cleaning, and lower operating pressure over time. The result is longer filter life, fewer filter changeouts, and more consistent dust collector performance.



Maximum filter surface area

The OptiCone™ open-bottom inner cone expands usable media space, capturing more dust per cartridge.



Superior pulse cleaning

Uniform top-to-bottom air distribution delivers efficient dust release and lower operating pressure.



Cleaner operation

Vertical filter orientation directs dust straight into the hopper, preventing re-entrainment on neighboring cartridges.



OmniPleat® technology

Evenly spaced pleats, reinforced with synthetic beads, keep the media clean and fully exposed to airflow for longer filter life.



Lower energy costs

Reduced pressure drop means fans work less, saving energy while maintaining optimal airflow.



Extended service intervals

Filters stay cleaner longer, reducing changeouts and maintenance downtime for Gold Series III dust collectors.