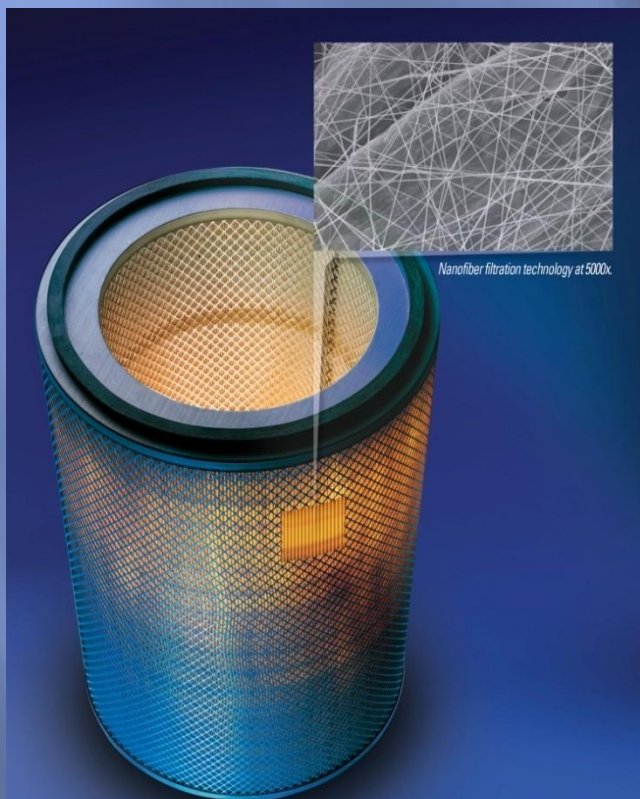




ProTura™ Nanofiber Technology Outperforms Standard Cartridges

Clark Filter is manufacturing ***ProTura™***, the Most Advanced Nanofiber Filtration Technology media and pleated cartridge elements for use in most major brands of cartridge style dust collectors. Clark Filter's ***ProTura*** Nanofiber has the finest fibers and highest MERV rating in the industry. ***ProTura*** Nanofiber Technology will increase efficiency, reduce emissions and lengthen filter service life in your cartridge style dust collector.



Features / Benefits

- The industries smallest available fibers provide the best available filtration efficiency on sub micron particulate – **MERV 15**
- Nanofibers allow for surface loading filtration = **EASY PULSE CLEANING**
- Lower initial & operating pressure drop
- Unmatched release properties will offer reduced cleaning cycles
- Saves compressed air and energy cost
- Reduced outlet emissions = **Cleaner Air**
- Less pulsing and stress = **Longer Filter Life**
- Reduced downtime
- Fewer filter changes = **Lower Disposal Costs**

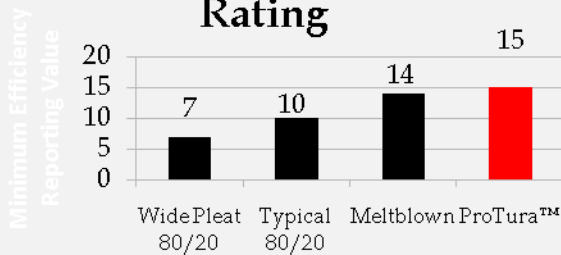
ProTura™ Nanofiber Technology available for cartridge collectors:

AAF® Airflow® Systems Donaldson Torit® Farr APC Flex-Kleen ITW/Gema MAC
Micro Air Pneumafil Uni-Wash/Polaris Robovent® Sly Steelcraft Trion Wheelabrator



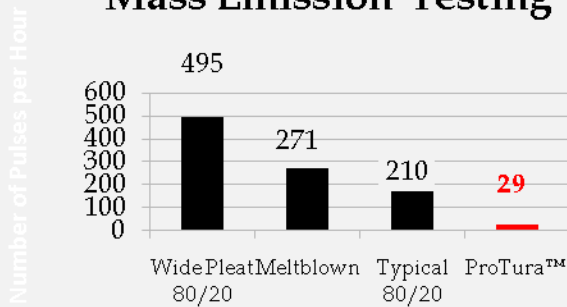
ProTura™ Nanofiber Technology

ASHRAE 52.2 MERV Rating



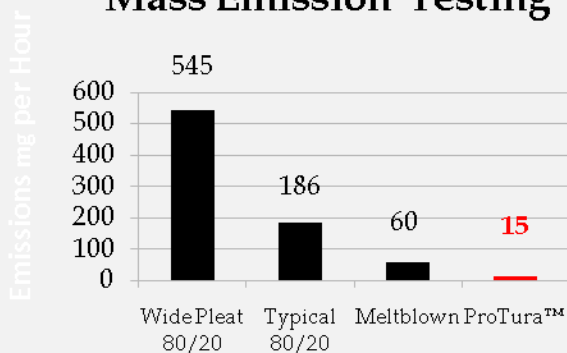
Independent lab tests show that Clark Filter's **ProTura™** Nanofiber Technology is the only cartridge with a MERV 15 rating based on ASHRAE Test Standard 52.2. **ProTura** Nanofiber Technology is 50% more efficient on 0.3 – 1.0 micron particulate than the competition. Smaller diameter fibers equal a higher efficiency and lower resistance to airflow.

Mass Emission Testing



In full lab testing utilizing an eight (8) cartridge dust collector, Clark Filter's **ProTura** Nanofiber Technology stabilized at a much lower pressure drop than the competition's standard filter media, requiring less pulse cycles. Standard media pulsed 85 - 94% more often than **ProTura** Nanofiber Technology. Less pulsing saves compressed air and reduces stress on the filter leading to a longer filter life.

Mass Emission Testing



In full lab testing utilizing an eight (8) cartridge dust collector and atomite for test dust, Clark Filter's **ProTura** Nanofiber Technology emitted 75 - 97% less contaminant than any standard media tested. The key is the nanofiber not the substrate. Superior submicron (0.3 – 1.0 microns) particle capture leads to lower emissions of contaminant.