

DELTA^ΔMAXX[™]

Nanofiber Technology



DeltaMAXX[™] Nanofiber Technology at 5000x

DeltaMAXX[™] Nanofiber Technology Outperforms Donaldson-Torit's UltraWeb[®]

Imperial Systems, Inc. DeltaMAXX[™] Nanofiber Filtration Technology is the most advanced technology media and pleated cartridge elements for use in Donaldson-Torit Brand Dust Collectors. DeltaMAXX[™] Nanofiber has the finest fibers and highest MERV rating in the industry. DeltMAXX[™] Nanofiber will increase efficiency, reduce emissions and lengthen filter service life in your Donaldson-Torit Brand Dust Collector.

FEATURES / BENEFITS

- The industries smallest available fibers provide the best available filtration efficiency on sub micron particulate - **MERV 15**
- 51% more efficient than Ultra-Web
- More fibers = better surface loading
- Unmatched release properties will offer reduced cleaning cycles
- Saves compressed air and energy costs
- Reduced outlet emissions = **CLEANER AIR**
- Less pulsing and stress = **LONGER FILTER LIFE**
- Reduced downtime
- Fewer filter changes = **Lower Disposal Cost**

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DELTA MAXX™

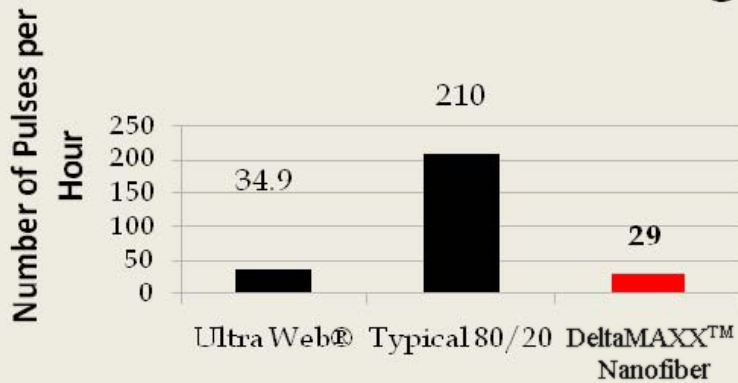
Nanofiber Technology

ASHRAE 52.2 MERV Rating



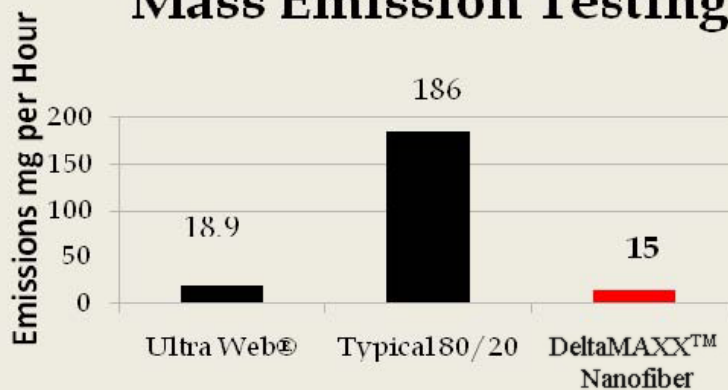
Independent lab tests show that Imperial Systems' DeltaMAXX™ Nanofiber Technology is the only cartridge with a MERV 15 rating based on ASHRAE Test Standard 52.2. DeltaMAXX™ Nanofiber Technology is more than 50% more efficient on 0.3 - 1.0 micron particulate than the Donaldson-Torit Ultraweb®.

Mass Emission Testing



In full lab testing utilizing an eight (8) cartridge dust collector, Imperial Systems' DeltaMAXX™ Nanofiber Technology stabilized at a much lower pressure drop than the competition, requiring less pulse cycles. The Donaldson-Torit Ultraweb® pulsed 18% more often than DeltaMAXX™ Nanofiber Technology. Less pulsing saves compressed air and reduces stress on the filter leading to a longer filter service life.

Mass Emission Testing



In full lab testing utilizing an eight (8) cartridge dust collector and atomite for test dust, Imperial Systems' DeltaMAXX™ Nanofiber Technology emitted 97% less contaminant than the Donaldson-Torit Ultraweb®. The key is the nanofiber not the substrate. Superior submicron (0.3 - 1.0 microns) particle capture leads to lower emissions of contaminant.