

TECHNOWEB™
NANO Plus Cartridge Filter



High Efficiency APC Filters

TECHNOWEB™ NANO PLUS

Intricate Web of TECHNOWEB™ Nanofiber provides highly efficient surface filtration

Newly developed TECHNOWEB™ NANO PLUS filters are created by the web of 80 – 100nm ultrathin nanofibers that allows high efficiency, excellent dust release properties and lower pressure drop with pure mechanical filtration. TECHNOWEB™ NANO PLUS is the most effective solution for mechanically filtering out fine (PM10) and ultrafine particles (PM1, PM2.5) such as dust, smoke and fumes.

TECHNOWEB™ NANO PLUS incorporates industry leading proprietary nanofiber adhesion technology to ensure nanofibers last throughout the lifetime of your filter.

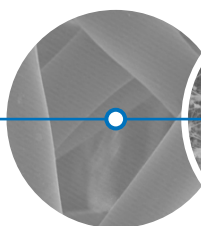


Please look for the authentic TECHNOWEB™ logo.

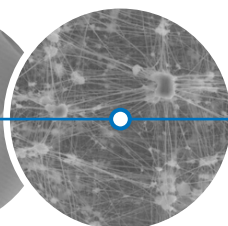
NANO PLUS Filter Cartridge

Enormous surface area created by unique properties of nanofiber enables highly effective surface filtration.

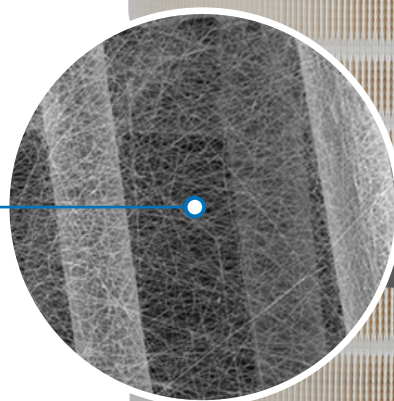
PM 2.5
(1,000x)



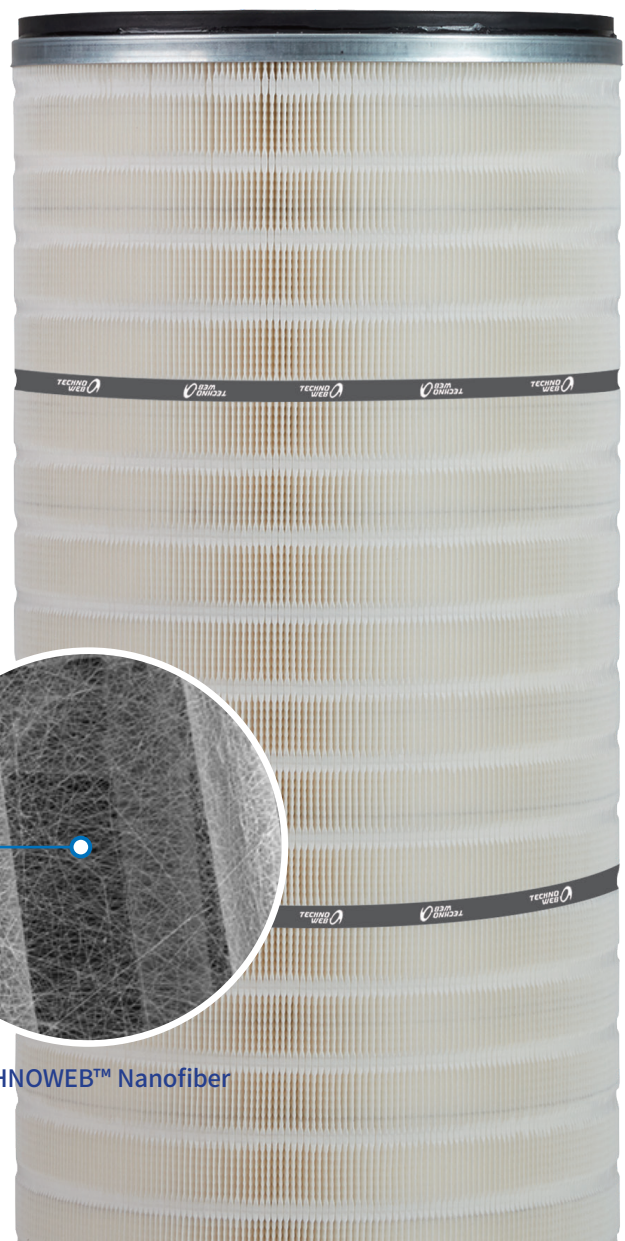
PET Spunbond



e-PTFE



TECHNOWEB™ Nanofiber





Conventional Filters



Weak filtration performance causes harmful environmental pollution



Increased operational cost due to short replacement cycle



Increased electricity cost due to rapid rise in pressure drop

TECHNOWEB NANO PLUS



High filtration efficiency
(97% ↑ @0.3μm_TSI3160)



Excellent dust cake release property

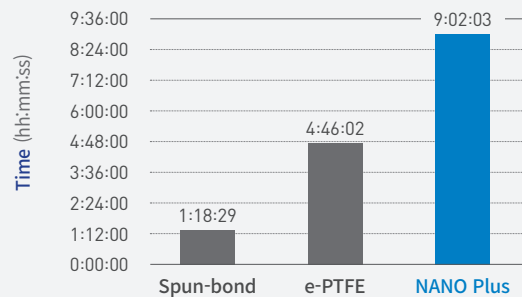
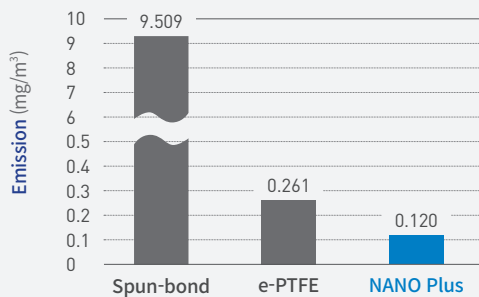


Low pressure drop



Improved filter life cycle

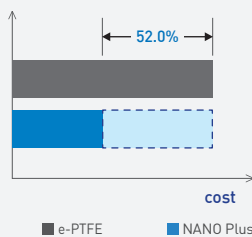
TECHNOWEB™ NANO PLUS performance comparison



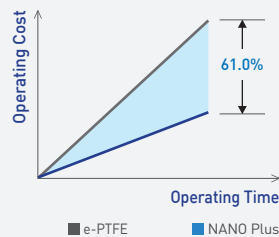
Standard : VDI 3926 Part1, ISO 11057 / Test Institute : KITECH



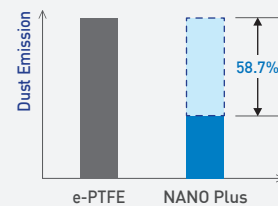
Maintenance cost
52.0% ▼
saving



Operating cost
61.0% ▼
saving



Dust Emission
58.7% ▼
reduction



Wood Powder Transportation Process in Bio-mass Power Plan



| Finetex Worldwide |

Finetex is pioneering the world as a global leader in nanofiber technology. With our proprietary technology, we produce the highest quality nanofibers for numerous applications such as industrial filtration, breathable and waterproof functional textiles, electronics, medicals, military, various consumable items and more. We are dedicated to improving the quality of life with our nanofibers.

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