

Matching Donaldson Filter Media to Your Environmental Challenge

Donaldson Media Choices:	Synthetic/ Spider-WebXP	Synthetic/ Spider-Web	Synthetic	Duratek/ Spider-Web	Duratek
Desert: Arid; frequently heavy windblown dust concentration.	Superior	Satisfactory	Satisfactory	Recommended	Adequate
Arid/Semi-Arid with frequent seasonal ground fog.	Superior	Recommended	Satisfactory	Satisfactory	Adequate
Arctic: very cold, dry air; snow and frost frequently build up on filters.	Superior	Satisfactory	Satisfactory	Recommended	Adequate
Urban/industrial: Variety of contaminants, including moderate amounts of hydrocarbons.	Superior	Satisfactory	Satisfactory	Recommended	Adequate
Marine, coastal, tropical and semi-tropical (i.e., hot, humid, moisture-laden) environments	Superior	Recommended	Satisfactory	Satisfactory	Adequate

Superior

Recommended when highest filtration efficiency is needed.



Satisfactory

Reasonable or good filter life with better than adequate filtration efficiency, but may not offer the best operating characteristics and economic value for this environment.

Recommended

Good filter life, good filtration efficiency, and best operating characteristics and economic value for this environment.

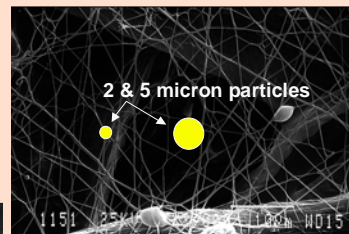
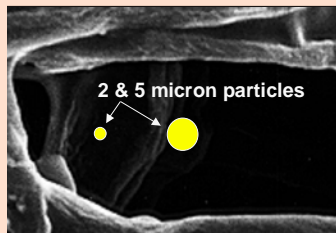
Adequate

Reasonable filter life and adequate filtration efficiency.

Take a Closer Look at Spider-Web®

These photos from Donaldson's Scanning Electron Microscope vividly show how our exclusive, patented nanofiber media layer (called Spider-Web® in this application) is able to capture very small particulate and prevent it from reaching your turbine.

Particles smaller than 5µm are the ones that can cause fouling on turbine compressor blades. Donaldson Spider-Web® stops more of them than competitive offerings.



Donaldson Spider-Web® nanofibers, bonded over the substrate

Filter Media Substrate

Better media, better protection - Spider-Web®!