Donaldson®
Filtration Solutions

ENGINE AIR CLEANERS, SERVICE PARTS AND ACCESSORIES

DONALDSON DELIVERS CLEAN AIR WHEN YOUR ENGINE NEEDS IT MOST

Donaldson
Filtration Solutions

Our innovative products are solving complex filtration challenges that improve people's lives, enhance engine and equipment performance and protect our environment.

Donaldson has the technical expertise, superior customer support and vast network of locations around the world to meet your toughest filtration needs - from initial system design through replacement products.

Improve

Enhance

Protect

Engine Air Cleaners, Accessories & Service Parts

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For a variation or a custom designed intake system, please call your current supplier of Donaldson products.

Designed to Fit
Manufactured to Perform

Invented by Donaldson

... solve complex filtration challenges that improve people's lives, enhance engine and equipment performance and protect our environment.

Ultra-Web® Nanofiber Filtration Technology

Donaldson has developed Ultra-Web media for usage in applications that operate in the highest level of protection.

Ultra-Web media, a web-like filtering layer applied over specially-formulated cellulose media, traps submicron contaminant on the surface of the filter. This surface loading prevents the contaminant from dispersing throughout the media and substantially increases the filter's efficiency. In field test, filters using Ultra-Web technology hold up to five times more contaminant compared to cellulose air filters

Scanning Electron Microscope image of Ultra-Web media magnified 1000 times.

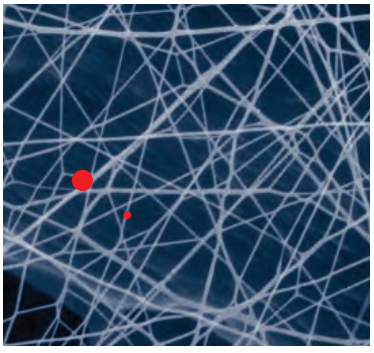
Ultra-Web® Nanofiber Filtration Technology - a proven filter media with over 25 years in heavy-duty air filtration applications!

Over 90 million m² Ultra-Web media sold

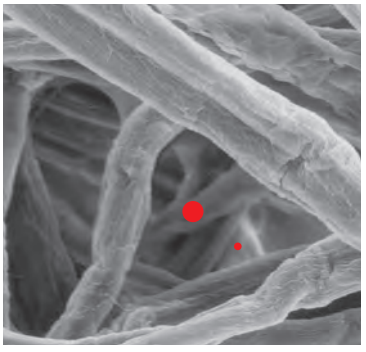
Ultra-Web®
Nanofiber Filtration by Donaldson

Ultra-Web® and Cellulose Media at Same Magnification

Red circles represent the diameter of a 2 micron and a 5 micron particle. Cellulose media is used in most air filters.



Ultra-Web fibers have submicron diameters and small interfiber spaces, which result in more contaminant being captured on the surface of the media and low restriction.



Cellulose fibers are larger than Ultra-Web fibers, and have larger spaces between the fibers, causing contaminant to load in the depth of the media and plug the airflow path; resulting in higher restriction and less capacity.