

PowerCore™ and Ultra-Web™ – The Most Advanced Air Filtration Technologies



To meet demands for a compact, high performance air filtration solution, consider PowerCore Filtration Technology – our latest development in air filtration.

PowerCore Filtration Technology

With more streamlined designs, stricter exhaust emissions regulations and increased horsepower, today's heavy equipment and vehicles are running hotter in a more confined amount of space. As an alternative to larger-sized conventional filters, PowerCore's straight-through airflow and high-density filtration system reduces restriction and extends filter life, reducing overall maintenance costs. PowerCore gives you maximum design flexibility. Its straight through airflow configuration means equal or greater air flow performance in significantly less space – a perfect solution for hotter running engines.

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Donaldson has used Ultra-Web™ nanofiber filter media in Donaldson Endurance™ air filters for heavy-duty engines for many years.

Ultra-Web Nanofiber Filter Media

Nanofiber filtration causes submicron contaminants to load on the surface of the filter media rather than dispersing throughout the depth of the filter media where there is less area for the air to flow. Therefore, in applications where the contaminant is primarily submicron in size, Donaldson filters with Ultra-Web technology cause less air flow restriction than conventional filters with cellulose media. The smaller, interfiber spaces of Ultra-Web have higher filter efficiency and capture more contaminants making it perfect for use in extended service filters.

More information is available online at
www.donaldson.com/en/engine/support/datalibrary

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