



NEWS RELEASE

Donaldson Introduces ArmorSeal™: The New Era of Air Filtration Technology for On-Road and Off-Road Heavy-Duty Equipment

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MINNEAPOLIS--(BUSINESS WIRE)-- Donaldson Company, Inc. (NYSE: DCI), a global leader in technology-led filtration products and solutions, today announced the launch of ArmorSeal™, its next-generation air filtration technology. The ArmorSeal technology builds on decades of Donaldson leadership in air filtration, from Axial Seal to the industry-defining RadialSeal™ and now to a new standard designed for today's most demanding operating environments.

ArmorSeal™ Air Cleaner Technology

As off-highway, construction, and heavy-duty equipment

continue to operate under higher vibration, higher dust loads, and more frequent service cycles, maintaining long-term seal integrity has become one of the industry's most persistent challenges. The ArmorSeal technology addresses this challenge directly, delivering a step-change in reliability, durability, and service consistency.

The ArmorSeal technology integrates a precision spin-welded joint, eliminating common failure modes through a uniform, repeatable spin-welded joint in place of snaps and adhesives, with a geometry-based engineered seal interface. This design maintains controlled sealing pressure over time while reducing service force and installation variability.

"Unplanned downtime remains one of the biggest cost drivers for equipment owners, and effective air filtration plays a critical role in reducing it," said Mark Sala, Director of Air Product Management. "The ArmorSeal technology was created to eliminate the variability and failure modes we've historically seen in high-vibration, dusty environments. It delivers a more robust, user-friendly, and reliable air filtration solution that directly supports equipment uptime."



Solving Real-World Industry Challenges

Industries operating heavy equipment including construction, mining, and off-road face growing pressures to extend machine life while minimizing downtime. Once contaminants bypass the air filtration system, performance degrades rapidly and engine damage can follow. Recent industry coverage in Power Progress (<https://www.powerprogress.com/news/putting-the-seal-on-innovative-filtration/8110188.article>) has highlighted the critical role seal integrity plays in preventing particulate ingress and avoiding costly failures. The ArmorSeal technology directly responds to these challenges by:

- Improving the user experience through enhanced seal reliability with a guided, controlled-contact geometry that prevents micro-movement, debris intrusion, and improper installation, reducing filter removal force by 30%*;
- Lowering total cost of ownership through extended service life and fewer maintenance related failures; and
- Supporting scalable adoption across multiple air cleaner architectures, including compatibility with Donaldson's legacy FPG platform.

*Compared to current RadialSeal™ technology.

Purpose-Built for OEMs, Equipment Owners, and Demanding Applications

Building on the legacy of RadialSeal™ technology, the ArmorSeal design redefines expectations for modern air filtration systems. It is engineered for automated manufacturing, global repeatability, and long-life performance, validated through advanced modeling and OEM durability testing.

Availability

The ArmorSeal technology will make its official debut at CONEXPO-CON/AGG, showcasing its performance, engineering, and real-world testing insights. Advanced previews have already been highlighted within industry media and through Donaldson's participation in upcoming expert forums.

For more information about the ArmorSeal technology or to schedule a technical consultation, visit <https://www.donaldson.com/en-us/engine/oem-systems/products/air-intake/system-components/standard-air-cleaners/armorseal-air-cleaner-technology/>.

About Donaldson Company, Inc.

Founded in 1915, Donaldson (NYSE: DCI) is a global leader in technology-led filtration products and solutions, serving a broad range of industries and advanced markets. Diverse, skilled employees at over 150 locations on six

continents partner with customers – from small business owners to R&D organizations and the world's biggest OEM brands. Donaldson solves complex filtration challenges through three primary segments: Mobile Solutions, Industrial Solutions and Life Sciences. Additional information is available at www.Donaldson.com.

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