

# Integrated Venting Solutions

DonaldsonVenting.com

We develop innovative enclosure protection venting solutions and partner with leading automotive manufacturers to safeguard components through effective pressure equalization, reduced condensation and protection against oil, humidity and other contaminants.

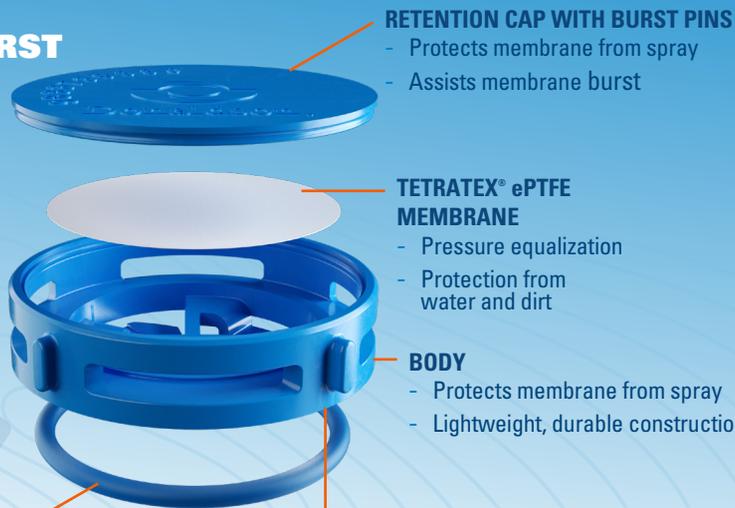
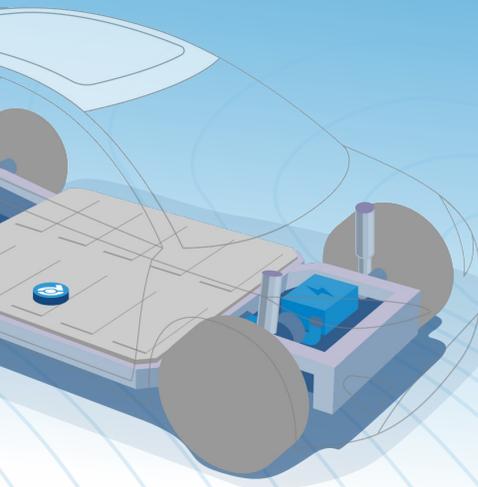
Donaldson is IATF 16949 certified and our focus is on high quality manufacturing, responsive customer service, and tailored solutions that can be easily integrated into our customers' devices and applications.

We have over 20 years of experience of collaborating with leading OEMs and Tier 1/Tier 2 suppliers. Our partners don't just work with us, they learn from us and leverage our expertise to truly elevate their product development.

## Dual-Stage Battery Vents

Our dual-stage battery vents help protect automotive battery packs and support battery life and reliability.

### DUAL-STAGE BURST BATTERY VENT



#### RETENTION CAP WITH BURST PINS

- Protects membrane from spray
- Assists membrane burst

#### TETRATEX® ePTFE MEMBRANE

- Pressure equalization
- Protection from water and dirt

#### BODY

- Protects membrane from spray
- Lightweight, durable construction

#### O-RING

- Reliable sealing to battery pack wall

#### QUARTER-TURN BAYONET ATTACHMENT

- Easily secured to the battery pack
- Audible click for installation confirmation
- Also available in Screw-Fit interface

COMING SOON!  
DUAL-STAGE FLEX  
BATTERY VENT



## Webinars

Watch our highly informative webinars where we share our 20+ years of experience in venting solutions.



Electric Vehicle Evolution  
- Dual-Stage Venting for  
Battery Packs



Pressure Equalization  
in Battery Packs: Edge  
Case Analyses



Top 5 Considerations for  
Designing an Optimized  
Battery Venting Solution



Scan me!



Scan me!

# Supporting environmentally-friendly technologies every step of the way



Scan me!

## Hydrogen Fuel Cell Solutions

Our hydrogen fuel cell solutions support ongoing advancements in fuel cell technology by promoting effective ion transfer, while simultaneously helping protect highly sensitive fuel cell and system components from a range of real-world contaminants. Our proven solutions for cathode intake air filtration, ePTFE membranes, and battery and fuel cell venting are backed by world-class proprietary technology and years of engineering expertise.



**Fuel Cell Air Intake Filtration**



**Proton Exchange Membranes**



**Fuel Cell and Battery Vents**

## Advance your processing, manufacturing and recycling operations

### Industrial Filtration Solutions

As your trusted partner, we are here to provide clean air solutions that help answer the unique production needs of the automotive industry and optimize your operation.



Protect your processes and improve production quality



Safely handle explosive and hazardous dust



Meet CO<sub>2</sub>-free compressed air requirements according to ISO 8573-1 standards



Provide safe & healthy working environments

## Let Donaldson be your partner in problem solving.

Contact us [www.donaldson.com](http://www.donaldson.com)

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**Industrial Filtration Solutions** [iaf-europe@donaldson.com](mailto:iaf-europe@donaldson.com)



**Donaldson**  
FILTRATION SOLUTIONS