



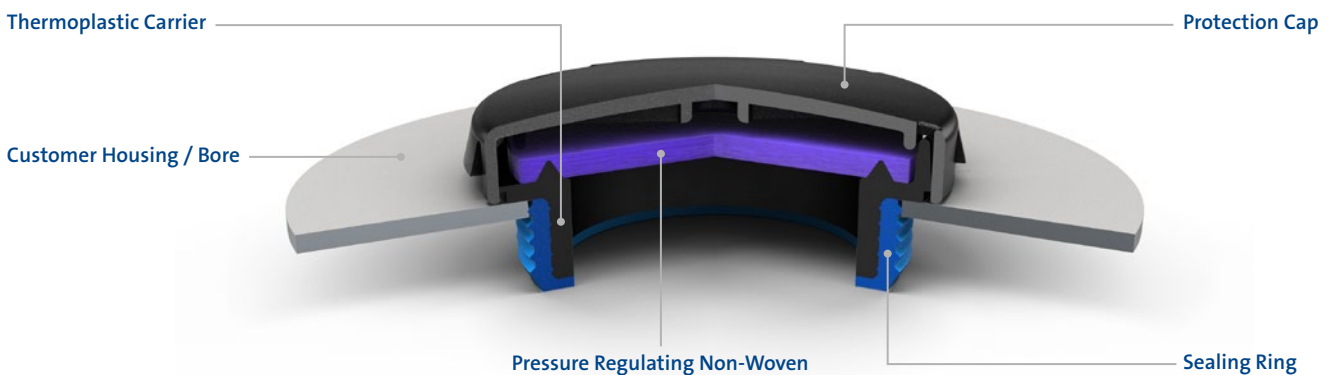
E-MOBILITY DIAVENT LIGHT

Our innovative DIAvent Light is the ideal pressure management solution intended for ventilating

- battery systems in electric and hybrid vehicles
- e-axles, e-motors, inverters, chargers, transmissions, and others

It is made up of a patented multi layer nonwoven that allows DIAvent Light to reliably handle the bi-directional pressure equalization of any housing, even in the harshest of operating conditions.

DIAvent Light construction scheme:



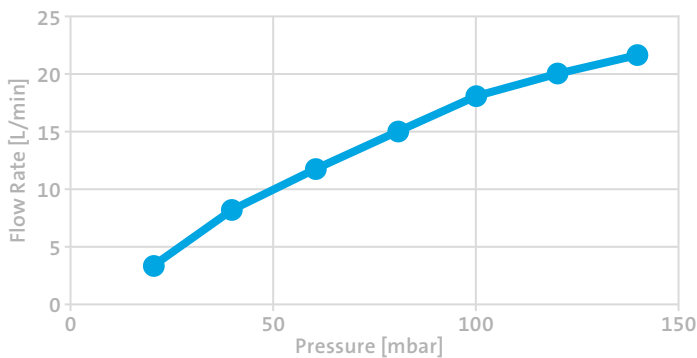
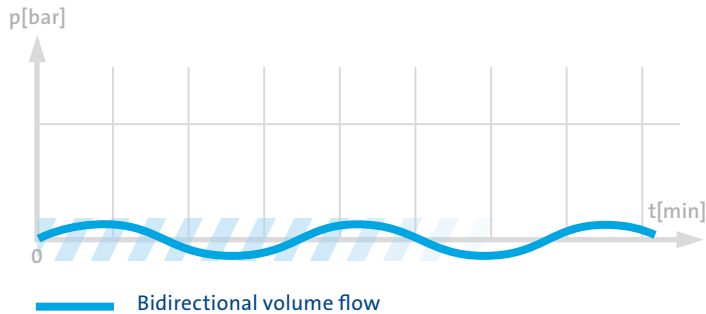
VALUES FOR THE CUSTOMER

DIAvent Light delivers multi-function ability contained in one element:

- Bidirectional pressure regulation in normal operation with extremely high gas permeation
- Watertight
- Oil repellent up to max. 80° C
- Quick assembly, suitable for different wall thickness
- Robust design and less performance decrease through pollution when compared to traditional ePTFE solutions
- Wide temperature operation range, between -40° C to 120° C

OTHER IMPORTANT INFORMATION

- Volume flow (bidirectional) during normal operation:
10 $\text{NL}/(\text{m}^2 \cdot \text{s} \cdot \text{mbar})$. Typical for the FNST standard design:
19 NL/min @ 100 mbar
- Protection against splashing water according IPX9K under investigation
- Nonwoven dust resistant checked according to IP6K7
- Water tightness checked up to 2 m depth (IP67)



The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

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