Case Study: Entering New Markets with GORE® Performance Membranes for Gas Sensors

Enhanced Accuracy and Longevity for Gas Sensors



CHALLENGE

Entering the international market with an advanced product offering: Gore's client, a prominent provider of gas sensor solutions in Asia, came to Gore with a clear goal. From monitoring gas concentration and emission to detecting potentially dangerous leaks in production sites, reliable gas detection has become a key asset in industrial applications. With more and more companies joining the competition, the client needed a solution that would not only match but **exceed current market standards in both performance and reliability.**

Eager to meet the challenge, Gore's engineers thoroughly studied the market's existing benchmark solution, **carefully disassembling its structure and analyzing its performance.** With the gained insights, they designed an innovative membrane solution tailored to the client's needs.



"Our customer's gas sensors are used in various industries, including chemical engineering, oil & gas, mining, and many more. Upgrading their sensors opens the door to significant growth opportunities."

Victoria WJ Li, Field Sales Associate

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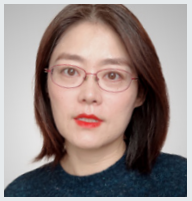
SOLUTION

GORE® Performance Membrane for Gas Sensors proofed to be the ideal choice for the client's ambitious goals. Throughout the development, the Gore and client teams worked closely together, sharing valuable information on test results and needed alterations. The collaboration was further bolstered by **Gore's well-stocked and local sample supply**. By providing product samples within just a few days, Gore ensured that the client could conduct tests without delay, keeping the project on track.

> "Timely delivery of samples is critical to meeting project deadlines, especially when multiple rounds of testing are required. Having local stock ensured that our customer stayed on schedule."
>
> **Victoria WJ Li, Field Sales Associate**

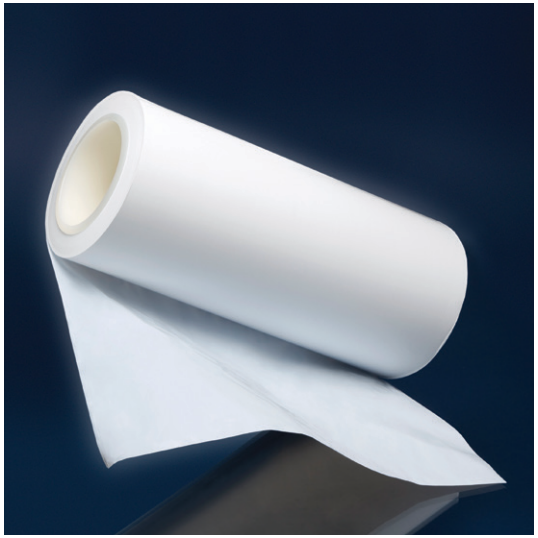


THE TECHNOLOGY BEHIND THE SOLUTION: GORE® PERFORMANCE MEMBRANES FOR GAS SENSORS

GORE® Performance Membranes are designed to meet the increasing demands of the gas sensor market, delivering several key benefits:

- Extended sensor lifespan
- Enhanced measurement stability
- Lower production costs
- Greater accuracy
- Faster response time

For specifications and more detailed information on installation, please visit: **gore.com/sensor-membranes**



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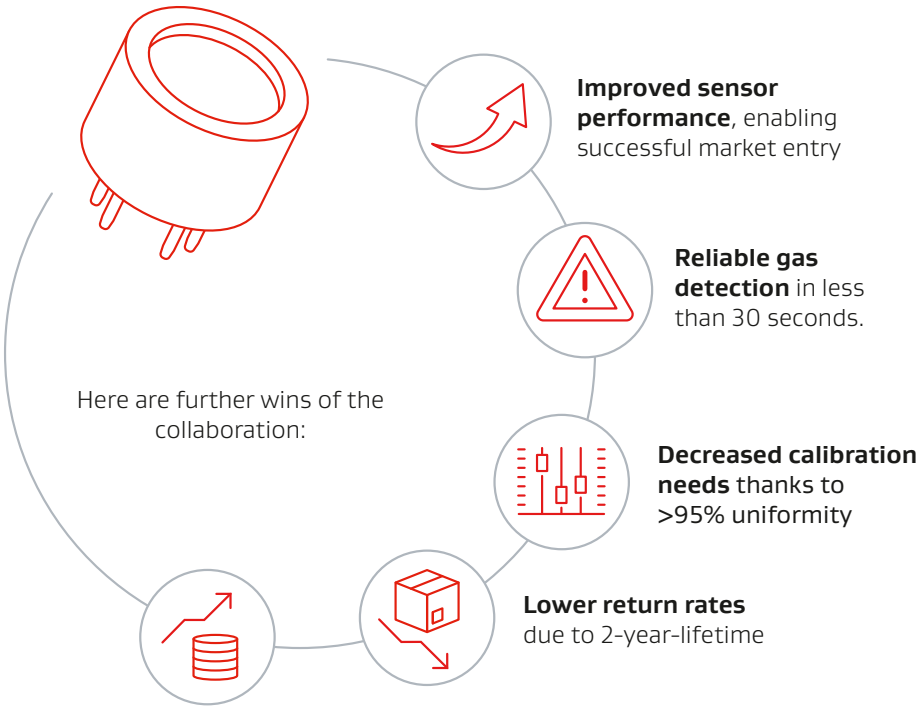
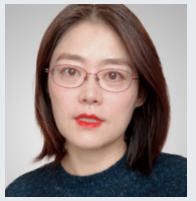
RESULTS

With Gore's support, the client significantly improved the performance of their gas sensors, allowing them to successfully enter new international markets. The results were so compelling that the client implemented GORE® Performance Membranes across their entire product line. Here is what convinced them:





"Our engineers dedicated themselves to understanding the client's specific challenges. Step by step, we worked closely with them to identify the optimal solutions for improving their sensors' performance."

Victoria WJ Li, Field Sales Associate

WANT TO KNOW MORE?

To learn more about Gore outdoor solutions, visit our website: **gore.com/protectivevents**

Or check out more of our case studies: **gore.com/oestudies**

Interested in Testing Our Products or Talking to Our Experts?

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For additional assistance, please contact a Gore representative.
INTERNATIONAL CONTACTS

Australia +61 2 9473 6800
Brazil +55 11 5502 7800
China +86 21 5172 8299
EMEA +49 89 4612 2211
India +91 22 6768 7000
Japan +81 3 6746 2570
Korea +82 2 393 3411
Mexico +52 81 8288 1281
Singapore +65 6733 2882
Taiwan +886 2 2173 7799
United Kingdom +44 1506 460123
USA +1 410 506 7812

W. L. Gore & Associates GmbH
Hermann-Oberth-Str. 26, 85640 Putzbrunn, Germany
T +49 89 4612 2211 **F** +49 89 4612 2302
Contact Us: **gore.com/protectivevents**

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