

About NAK

With over 50 years of engineering expertise and advanced polymer technology, NAK serves as a dependable source and collaborative development partner for the most challenging needs in the automotive sector and a wide range of industrial applications.

We specialize in delivering high-performance sealing solutions tailored for critical applications. Our broad materials expertise and deep application knowledge allow us to provide unique, customized solutions—even for the most complex requirements.



Experience

50 yr



Country

60



Customer

620



Seal Type

5,000



StreamSyn®

StreamSyn® Sealing Solution is a customized service program for high-performance oil seals, offering a full-process technical solution that covers five core stages : seal type selection, functional design , installation tool design & installation process recommendations, sample performance testing, and ongoing product optimization.

This comprehensive approach ensures the most suitable sealing solution for each customer — effectively addressing the demands and challenges of various sealing applications.

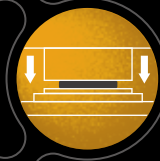
Selection



Design



Installation



Test



Optimization



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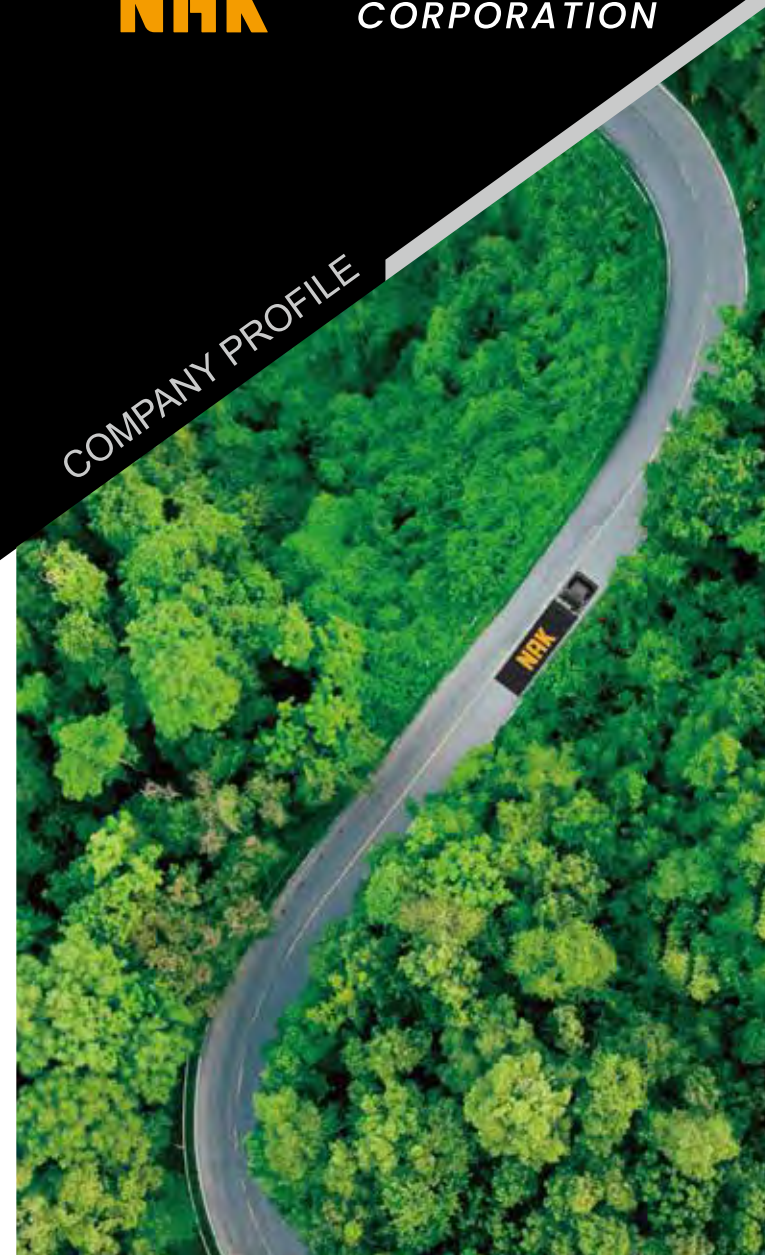
NAK
SEALING
TECHNOLOGIES
CORPORATION

COMPANY PROFILE



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CERTIFICATION



Oil Seals, Cassette Seals, Hydraulic Seals, Pneumatic Seals, Axial Face Seals, V-rings, O-rings, Bonded Seals, End Caps, Sleeves, Gaskets



Sealing Solution

RESEARCH & DEVELOPMENT

NAK's ISO/IEC 17025-certified lab drives the development of high-performance rubber compounds, ensuring stable and reliable materials for demanding sealing applications. We apply DFSS (Design for Six Sigma) in the early design phase to control risk and ensure long-term durability and performance. To push seal performance even further, we combine DOE and FEA to simulate real-world stress and optimize structural design.

From material innovation to in-house validation, NAK delivers smart, science-based sealing solutions—engineered to meet your toughest challenges.

Testing Equipment

78

R&D Staff

80



MANUFACTURING TECHNOLOGY

To enhance production efficiency, NAK utilizes a highly flexible smart manufacturing system combined with lean production practices. This allows us to respond quickly to both high-volume manufacturing and low-volume, high-mix customer demands. We continuously optimize our production processes through data-driven quality management and process improvement methodologies based on Six Sigma (6σ). By consistently reducing defect rates and improving operational efficiency, we deliver more reliable, high-performance products and services that drive greater customer satisfaction.



Seal Mold
100,000



Production Equipment
1,000



Machine Tool
70

