



**Protecting what we value.**

**Pioneering DENSO solutions for safe energy transport and durable roads.**



## Lifelong safety. Protecting your infrastructure.

Pipelines all over the world that safely transport energy and water to their destinations. Roads and tracks that are used to transport goods and people every day. Stations and plants that safely store hazardous substances. This is DENSO Group Germany in its element.



### The DENSO sealing solutions featuring the world's most advanced technology:

- Provide long-term corrosion protection for tubes and pipelines
- Permanently seal joints and repair damage in asphalt and concrete
- Shield structures such as ports, silos and refineries against environmental influences.

The effect: lifelong safety. Investments are preserved, raw materials are maintained, and people and nature are protected. To ensure that we continue to deliver these results, our team of around 200 employees is constantly working on new, more effective solutions. Tailor-made for our customers. DENSO is a third-generation family business – and also a global group of companies with six subsidiaries and over 100 sales partners all over the world.

## One idea changes everything.

For 100 years, the name DENSO (derived from the Latin word for “to seal”) has been synonymous with innovation. Even as early as 1927, the young company developed a special petrolatum tape designed to protect pipelines. In no time, this DENSO®-Tape became synonymous with passive corrosion prevention on pipelines. And from this point onwards, the DENSO brand has been known as a pioneer in the development and production of innovative sealing solutions.



*Pioneers at work developing the DENSO®-Tape.*



*DENSO®-Tape today.*



## Preserving your values. Protecting people and nature.

No matter the project, with DENSO's solutions, your construction projects are protected over the long term. Highly efficient – for better environmental protection and occupational safety.

### DENSO – Your specialist for sealing technology:

- Pipeline & station construction
- Road and railway construction
- Construction of ports and silage systems
- Construction of power plants and refineries



#### **DENSO for the environment: sustainable & eco-friendly.**

Whether in the construction of pipelines, roads or plants: DENSO sealing solutions protect against the escaping of hazardous substances into the surrounding environment. Pipelines can be operated reliably and without interruption for decades. In road construction, our sealing solutions last for years and reduce the application time at construction sites – this contributes to significant reductions in traffic jam. Our production is characterised by high levels of recycling, reduction of hazardous substances and reduction of waste.



#### **DENSO for the user: Simple application, high levels of occupational safety.**

Many DENSO products contain no substances that are harmful to health, such as solvents. Our corrosion prevention tapes and self-adhesive joint strips are cold-applied, which means that they are applied securely by hand with no gas burner required. Furthermore, our DENSOMAT® and TOKOMAT® devices make applying our joint tapes or joint strips a breeze.



#### **DENSO for your balance sheet: Efficiency on all fronts.**

DENSO solutions pay for themselves. The fast application saves valuable working hours. The optimised use of material keeps costs down and preserves resources. In addition, a long-lasting solution reduces your servicing and maintenance costs over the long term.



## DENSO thinks ahead. For 100 years.

DENSO offers the world's largest product portfolio for passive corrosion protection for pipelines. In the field of road construction, we are innovation leaders for joint sealing in asphalt and concrete. From the world's first SEALID® All-in-1 to co-extruded DENSOLEN® three-ply tapes to TOK®-Band as a synonym for bitumen joint strip: We demonstrate our innovative strength with countless patented inventions.



### From the idea to a high-quality product.

Without quality, there can be no safety – that is why DENSO relies on the highest standards Made in Germany.

- In-house research & development and quality assurance departments
- Modern production equipment built by German engineering companies
- Very high degree of vertical integration and efficient production sequences
- Use of the best raw materials plus strict internal and external production monitoring
- Constantly audited by independent institutions (including DVGW – German Technical and Scientific Association for Gas and Water, COPRO and the Polymer Institute)
- Compliant with the most stringent norms & standards; certified to ISO, EN & DIN



### Longest proven corrosion prevention in the world.

A field proof gives an unique insight into our product quality: When the "Isarschiene" gas pipeline, which is protected with DENSOLEN®-Tape, was excavated after 40 years of use corrosion-free weld seams and an intact coating were found which even surpasses today's high norms & standards.

### Tailor-made solutions to suit any requirement.

We think, develop and act for our customers. We listen closely when we are on site and develop project-specific solutions from this. We incorporate research findings from renowned universities and institutes in our work. This results in products that set new standards in terms of efficiency, safety and durability.



## Pipeline construction with DENSO. 360° safety.

For any requirement, any phase and any process: When it comes to reliable corrosion prevention for pipelines, DENSO is always the right choice. We've been doing this for 100 years. Our product range is unrivalled.

### DENSO in pipeline & station construction.

- Weld joint coating
- Trenchless installation
- Protecting soil to air interface areas and fittings
- Pipe coating and rehabilitation of existing lines
- Repair of pipelines and defects

#### **DENSO®. Corrosion prevention from the inventor of the petrolatum tape.**

Our DENSO®-Tapes have been continuously developed over decades and continue to set new standards in passive corrosion prevention. The extensive product portfolio covers all requirements, standards and conditions. Wherever in use: the DENSO®-Tape protects.

#### **DENSOLEN®. A tape becomes a protective hose.**

Globally successful since 1973. The unique, co-extruded DENSOLEN® three-ply tapes fuse to form an impermeable hose and reliably protect pipes against corrosion and mechanical stress. Simple application with DENSOMAT® wrapping devices.

#### **DEKOTEC®. Heat shrinkable sleeves in DENSO quality.**

The solution for many regions in the world. Depending on the relevant requirements, there are various heat shrinkable sleeves that can be applied easily with or without pre-heating, can provide protection even at high temperatures or that come with the ability to self-repair in the event of minor damage.

#### **SEALID® All-in-1. A new level of simplicity in pipeline protection.**

The world premiere: The first tape for comprehensive protection against corrosion and mechanical stress – applied in a single step with no primer needed. With SEALID® All-in-1, you can save time, money and material while ensuring first-class protection.



## Road construction with DENSO. For durable roads.

Building contractors are faced with considerable challenges in the form of high cost pressures and the need to quickly get roads back in service. As a leading provider of joint sealing in road construction, DENSO reduces the amount of time needed at construction sites and enables more durable roads with TOK® bitumen joint strips.

### DENSO in road and railway construction.

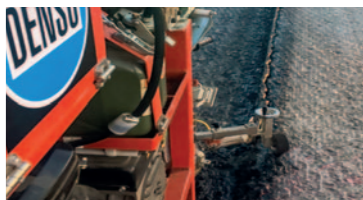
- Sealing of joints and seams in asphalt and concrete
- Repair of road surfaces and runways
- Rail pouring compounds
- Channel and shaft seals

### TOK®-Band. The benchmark for reliable joint sealing.

For 45 years, our TOK®-Band have been synonym for all bitumen joint strips. Whether it is for the construction of new roads or the repair of existing roads: **TOK®-Band** ensure permanent sealing of joints and seams. The cold-applied or hot-applied asphalt and concrete sealants from the extensive product range cover all applications.

Many of these products are applied without a primer. They are applied directly to the road edges – eliminating the time-consuming application of a primer. The **TOK®-Band SK** has a self-adhesive layer, making it fast and safe to install “cold” without the use of a gas burner. The **TOK®-Band A** can be safely applied after an activation process that takes just seconds; no preheating is required as with traditional hot-melted strips.

The machine-based **TOKOMAT®** provides significant improvements in efficiency. With it, joints in roads are sealed twice as quickly and with exactly the right profile.





## DENSO. Equal to any challenge.

Ensuring maximum safety through long-lasting sealing solutions – this is what DENSO stands for. Our Made in Germany product quality impresses with its ability to preserve the value of precious objects and protect our environment.

### **MarineProtect™. Maximum corrosion prevention.**

Salt water, humidity and tides: At sea ports, domestic ports and offshore wind farms, DENSO provides pillars with protection that is perfectly tailored to these challenging conditions. The MarineProtect™ system solution can easily be applied at water level and below water level with no need for a costly and time consuming drying process. It simultaneously protects against corrosion and mechanical stress and minimises costly maintenance and repair work.

### **TOK®-Sil Resist. Groundwater protection for biogas and silo plants.**

Liquid manure, slurry and silage effluent are aggressive and can quickly cause the joints of silage plants to become brittle. In such applications, the stable TOK®-Sil Resist compound can be used to securely seal horizontal and vertical joints, as well as sensitive areas where wall joints and floor joints intersect. This prevents the contamination of groundwater.



## DENSO is versatile in use.

- Power stations and refineries
- Ventilation, climate and electrical technology
- Carriage and container construction



## Represented around the world. We are wherever you are.

From Australia to Chile, South Africa to Norway, our high-quality product solutions are sold in 124 countries. No matter where you are planning your next project: the DENSO service teams and over 100 sales partners around the world will be there for you with comprehensive expertise and personal service.

### Lifelong safety is everything.

For DENSO, perfect service begins with detailed support and planning and continues long after the timely delivery of your products. What you can expect from us:

- Customised solutions that are tailored to your conditions and the relevant standards and requirements.
- Training on the products and devices we supply, their properties and how to apply them.
- Service employees that can be reached at any time to support you. We are there for you whenever you need us.



### Expertise you can rely on.

We are only satisfied when you are. Some of our references.







## Ready to meet your challenges.

The DENSO Group Germany serves customers throughout Europe and with 100 sales partners worldwide.



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