



Press release

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## **Reliable pipeline protection with DENSO: New laying method in water**

Leverkusen, April 11<sup>th</sup>, 2019 – For the rehabilitation of a drinking water pipeline in the district of Aalen, 200 km north-east of Munich, Germany, the DENSO Group Germany protects weld seams from corrosion very quickly and efficiently using a new laying method that floats in water.

For this method, the pipeline was first laid in the water: Just ten minutes after applying the DENSOLEN®-AS50 tape system to the weld seam, the pipe was pushed into a tunnel flooded with water. The pipeline was then drained four months later. This is impressive as pipelines are normally not immediately and permanently exposed to corrosive media. The test results provided by the “Verband der Fernwasserversorgung” (Remote Water Supply Association) prove: The standard requirements of DIN EN 12068 for a high-quality protection of the weld seams are satisfied.

Direct flooding and extended operation in water are major challenges for field joint applications. This unprecedented method shows: The three-ply DENSOLEN® tapes fuse together very rapidly. A diffusion-resistant protective hose is quickly generated, with reliable performance even when permanently exposed to fluids. The single-tape system was applied in at least a three-layer wrapping using the engine-driven DENSOMAT®-11 application device.

The drinking water pipeline is one of the region's main arteries. One of the two steel pipelines, with a nominal diameter of DN 1200, was restored for long-term use. Water flows through two parallel tunnels over almost two kilometres at 1,800 litres per second. The construction measure is expected to be completed in the spring of 2019.



Floating pipe installation in water



Machine processing of DENSOLEN®-AS50

## DENSO Group Germany

For almost a century, DENSO Group Germany has built its reputation on high-quality and forward-thinking road building solutions designed for use on transport routes and construction sites, and for corrosion prevention on pipelines and installations.

The Group, which has six European companies and sales partners in over 100 countries, is market leader in key Central European markets and is intensifying its dynamic growth in Eastern Europe, Asia, Africa and South America.

More information is available at [www.denso-group.com](http://www.denso-group.com).

## Contact

DENSO GmbH

Dr. Carsten Fischer

Sales DACH + BeNeLux

Felderstraße 24

51371 Leverkusen / Germany

Phone: +49 (0) 214 2602 305

Mobile: +49 (0) 171 8630680

E-Mail: [Carsten.Fischer@denso-group.com](mailto:Carsten.Fischer@denso-group.com)