

Excellence
in Flow⁺

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MULTI/JOINT[®] 3000 Plus

Reliable water supply with large diameter

Customer reference: RAJA S.A.

The MULTI/JOINT[®] ensures flexible and reliable large-diameter connections that keep water flowing even during peak seasonal demand

First DN1025 MULTI/JOINT® Installation in Romania



In a critical regional infrastructure project in Romania, utility company RAJA S.A. replaced a two kilometre section of a DN1000 pipeline supplying water to the city of Năvodari and surrounding municipalities. As part of the final connection works, Romania's first-ever installation of a wide range DN1025 MULTI/JOINT® 3000 Plus fitting was successfully completed. The solution was chosen for its flexibility, installation speed, and reliable performance under demanding conditions.

Project background

The pipeline supplies drinking water to several municipalities, including Năvodari, Corbu, Lumina, and the Petromidia industrial zone. Demand peaks put high pressure on the network, which is compounded by its aging condition. "We live in a seasonal area where water consumption and pressure rise dramatically in summer. The age of the network forces us to act preventively" said the project manager from RAJA. This upgrade strengthens the region's infrastructure and ensures continued, reliable supply for both residents and industry.

Selected technical solution

RAJA selected the MULTI/JOINT® 3000 Plus wide range fitting for its ability to accommodate angular and axial misalignment — essential for large-diameter connections where ideal alignment is rarely achievable. The fitting eliminates the need for concrete thrust blocks, cutting preparation time significantly. Its modular design also fits challenging working conditions. "We debated long and hard to find a connection solution that could take over angular and axial deviations while eliminating the need for massive anchoring. MULTI/JOINT® did just that" said the senior engineer Adrian Florea of RAJA. This was the first-ever installation of a DN1025 MULTI/JOINT® 3000 Plus, marking a key advancement in Romanian water infrastructure.

Achieved improvement

Using the MULTI/JOINT® 3000 Plus reduced installation time by over 30% compared to traditional methods — minimizing both water loss and customer downtime, adopting the safest and fastest solution. The team's prior experience with MULTI/JOINT® installations helped ensure smooth execution — even at this larger scale. "Although this was a first at this scale, the technology gave us a smooth installation and high confidence in the long-term performance" the RAJA team confirmed.



RAJA S.A. is replacing a two-kilometer section of a DN1000 water pipeline that supplies the city of Năvodari and the surrounding communities.



Fast and easy installation thanks to accessible bolts – no special tools required.

Customer benefits

- **Quick and easy installation – no need for time-consuming concrete anchoring.**
- **Wide tolerance design – handles up to 8° angular deviation per side (16° in total).**
- **Reduced downtime and water loss – over 30% faster installation with full operational integrity.**

Where next?



Watch the reference case video



Discover the MULTI/JOINT® 3000 Plus system



Get in touch with our experts

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