



### PROJECT SCOPE

- One Hundred Feet of Water Main Spanning the Elizabeth Park Bridge
- Provide Temperature Stability During Freezing Weather
- Protect Against Damage from Animals, Personnel, and CUI

### PROJECT RESULTS

- Completed On-Time & Within Budget
- Generated Unquantified Maintenance Savings Related to Animal and Personnel Damage
- Mitigated Heat Loss Caused by Pipe Being in Direct Contact with Pipe Rollers
- Improved Installation and Inspection Safety
- Lessened Replacement Costs With Long-Lasting Material

# DRAGON JACKET INSULATION PROTECTS WATER MAIN PIPELINE SPANNING NORTHERN IDAHO BRIDGE

Insulation Delivers Thermal Stability to Eliminate Risk of Freezing, While Full Encapsulation Prevents Potential Damage from Personnel and Wildlife



Client Name: **City of Kellogg, Idaho**  
 Industry: **Infrastructure**  
 Location: **Kellogg, Idaho**  
 Project Type: **Bridge Project**

### PROJECT DETAILS

Government officials in the city of Kellogg, Idaho needed an insulation solution to protect a water main spanning across the Elizabeth Park Bridge. The one-hundred feet of pipeline operates under the stress of vibration from vehicle traffic and required a durable insulation solution that could withstand constant movement, while also providing protective benefits against the freezing temperatures of harsh Northern Idaho winters.

To ensure maximum functionality, they installed Dragon Jacket insulation across the length of the pipeline. Dragon Jacket's polyiso closed-cell foam and integrated polyurea sheathe provides a static R-value that prevents water freezing in the pipes, while the insulation, which rests directly on the bridge's pipe rollers, eliminates the heat loss from metal-on-metal contact that typically impacts pipelines on bridges located in cold climates.

Dragon Jacket delivered the necessary insulative benefits to the pipeline, while also providing an inhospitable environment for nesting wildlife. The insulation's high durability protects its integrity under the constant movement and vibrations generated by passing traffic. Meanwhile, the insulation's easy "one-and-done" installation improves the safety profile of future removal, inspection, and reinstallation procedures.

The Elizabeth Park Bridge is a just stone's throw away from Dragon Jacket's Rathdrum facility. We were proud to be called upon to employ our best-in-class product on such an important project so close to home.

**100% WATERPROOF & CHEMICAL RESISTANT**  
 Mitigates Corrosion Under Insulation (CUI)

**TOP R-VALUES ON THE MARKET**  
 Wide Temperature Operating Range

**FAST & EASY INSTALLATION**  
 Installs 10x Faster with Standard Tools

**REMOVABLE & REUSABLE**  
 Install, Remove, Inspect, Reinstall, Repeat

**20+ YEAR LIFESPAN**  
 100% Encapsulated, Impact Resistant



## DRAGON JACKET INSULATION

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