



PROJECT SCOPE

Insulation for 200' of Slow Curved Radius Steel Pipe Situated within A 20" Steel Casing System

Project Required 1" Thick Insulation to Account for Radius Welds Every 6'

Dragon Jacket Insulation Specs - 16"x18" over 14" C900 DR18 Fused PVC Pipe

DRAGON JACKET INSULATION PROTECTS 200' OF RADIUS WATER MAIN FOR PIPE IN PIPE INSTALLATION

Client Name: **Whitworth Water District**

Industry: **Utility**

Location: **Mead, WA**

Project Type: **Pipe in Pipe Insulation**



PROJECT RESULTS

Completed On-Time and Within Budget

The Halme Construction Crew Installed the Insulation Onsite with NO Prior Experience and Threaded the Pipe-in-Pipe Without Any Issues

Easy Installation Reduced Number of On-Site Contractors and Need for Additional Training and Crews

PROJECT DETAILS

Welch-Comer Engineering, out of Spokane Valley, WA, was tasked with finding a viable insulation solution for the Whitworth Water District's pipeline project in Spokane, WA. The project consisted of two hundred feet of slowly curving radius pipeline to be installed within a twenty-inch steel casing on a bridge. The curvature of the pipe was achieved by welding six feet of straight pipe together.

Because of the weld protrusions and the threat of the pipe catching on corners, the insulation thickness needed to be one inch, rather than two inches, which is standard for this project type. They came to Dragon Jacket with the project because they needed a one-inch-thick solution that would deliver the insulative benefits of two-inch thick insulation. The insulation also needed to be easy to install without falling off or snagging as it curved its way through the casing.

With no prior experience or special training, the Halme Construction site crew installed the Dragon Jacket insulation easily and efficiently. This reduced the number of contractors and workers on-site and overall job costs associated with dedicated installers and training.

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

FDA 
FDA Approved for Incidental Food Contact
Made in the USA

 **DRAGON JACKET**
INSULATION

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