

PP-R PIPE, OFFSITE FABRICATION HELP MEAT PROCESSING PLANT BEEF UP ITS REFRIGERATION SYSTEM

Aquatherm pipe in sizes ranging from 3/4 -in. to 14-in. was easy to incorporate into the “work of art” refrigeration system at this processing facility.

PROJECT:

Meat processing plant
Glycol piping

PRODUCTS:

aquatherm blue pipe®

LOCATION/DATE:

Ohio
September 2017 – January 2018

THE CHALLENGE

This large plant with high ceilings needed an easy-to-install, durable piping system to carry a secondary refrigerant (glycol) throughout the processing and shipping and receiving areas

THE SOLUTION

Offsite fabrication services and the light weight of Aquatherm pipe allowed 436 spools to be fabricated and hung 25 to 30 ft above the floor



“When we pressure tested the PP-R pipe on this project we didn’t have any leaks. Typically, with carbon steel pipe — no matter how good your guys are — you’re going to have a couple leaks here and there. But to my knowledge we didn’t find any leaks when it came to the joints of the PP-R pipe.”

— Jason Waters, Senior Project Manager,
Stellar Refrigeration, Jacksonville, FL



AQUATHERM ADVANTAGES

- Much of the piping for this project was fabricated by Aquatherm Design and Fabrication Services and shipped to the jobsite, saving the contractor time and money
- The long service life of PP-R pipe, and the properties that prevent it from corroding, gave it an advantage over traditional carbon steel pipe
- The refrigeration piping contractor estimated it saved approximately 50 percent on labor by heat fusing PP-R pipe compared with welding steel pipe

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