

Application

Process Sample System
Ethylene

Location

Jilin China

Maintain Temperature

60°C

Product

O'Brien Heavy Traced
TRACEPAK® Bundle

Steam is plentiful in Ethylene plants so it was chosen as the heating media. A heavy traced product was designed considering the available steam pressure and the -40°C ambient conditions. A 1/4" 316L seamless stainless steel process tube was used with a 3/8" welded stainless steel steam tube. The TPH, heavy traced, design will maintain the process temperature within a 10°C window throughout the year.

This installation used TPU jacket because it was scheduled for installation during the winter months when installing standard PVC with a -10°C brittle point would have been impractical.