
GPT™
an EnPro Industries company

# Case Study: Utility

## ElectroStop® Monolithic Isolation Joints

### PROBLEM

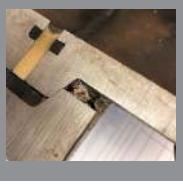
A utility company operating out of the east of America approached GPT as they had encountered a leak and isolation failure following hydro-testing of their pipeline. The monolithic isolation joint (MIJ) they had installed had only been in service for one hour. This was not an isolated case, subsequently two more utilities companies approached GPT in short succession to report of similar failures during the installation and hydro-testing process. These failures occurred at various locations up and down the east of US.

### SIGNIFICANCE

The failure of the joint resulted in the project schedule being severely delayed adding extra unexpected costs and downtime. More inconvenience was caused when the supplier of the MIJ was not forthcoming in reporting the causes of the failure.

### OPERATING CONDITIONS

| | |
|---|---|
| Temperature: | Ambient |
| Pressure: | 600 PSI |
| Media: | Natural Sellable gas |
| Size: | 6” |


### SOLUTIONS

GPT proposed using the ElectroStop® Monolithic Isolation Joint (MIJ). As all ElectroStop® joints go through a 19 point inspection prior to leaving the factory to ensure the integrity of the joint is of the highest standard. This coupled with the fact that all ElectroStop® MIJ’s are manufactured in the USA , using US sourced components.

For more information, please visit:
http://www.gptindustries.com

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