



BREAKTHROUGH PRODUCTS BASED ON BETTER TECHNOLOGY.

FYI...

Eliminated CUI!

15 deg C reduction  
@ 310 microns

New technology -  
Unique solutions

**NANSULATE® INSULATION & CORROSION CONTROL**

## CASE STUDY

### Nansulate® Translucent PT

#### ISSUE:

A large client for PT Nukote Indonesia needed to **reduce the surface temperature of a hot water pipeline** from the variable 74-95 deg C surface temp to 65 deg C or lower. They also wanted **corrosion resistance to protect the pipeline and increase the lifespan**. Their prior experience with corrosion under insulation (CUI) and the short lifespan of traditional insulations meant they needed a new technology solution.

#### SOLUTION:

**Nansulate® Translucent PT was spray applied** to a 24" dia. hot water pipeline **to insulate and provide corrosion resistance**. Thickness applied was 310 microns (apprx. 3 coats)

**Temperature of pipeline surface before: 74 deg C.**

**Temperature of pipeline surface after: 59 deg. C.**

Nansulate® PT provided the **combination of benefits** that the client had been looking for - **effective insulation, corrosion resistance, moisture resistance**, and longevity and consistency of insulating ability.

#### Customer:

PT Nukote Indonesia

#### Location:

Jakarta, Indonesia

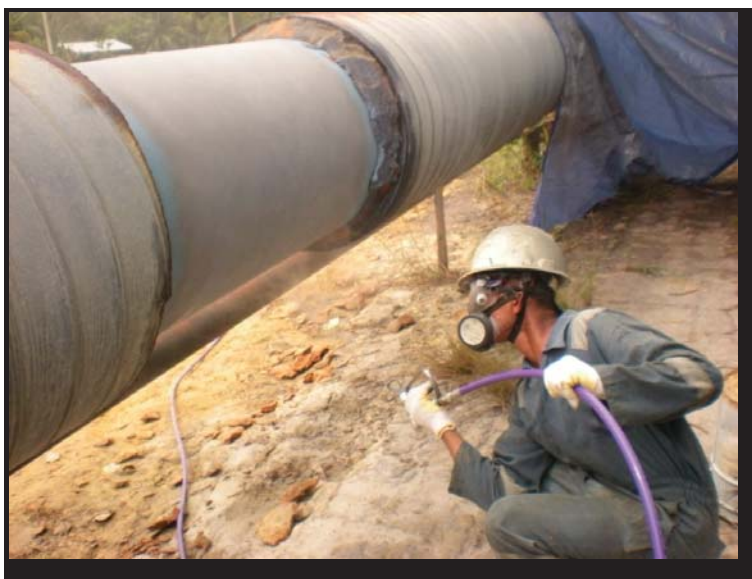
#### Product:

Nansulate® Translucent PT



Above: Finished pipeline insulated with Nansulate® Translucent PT

Right: Technician applies coating with spray equipment in the field



#### Industrial Nanotech, Inc.

FJG Á/æ^Ö\} c\Á æ ÆÖ Æ, Naples, FL 34109  
Phone: 1- 239-254-0346 Toll Free: 800-767-3998  
Fax: 1-239-254-1381  
Email: [contact@nansulate.com](mailto:contact@nansulate.com)  
[www.industrial-nanotech.com](http://www.industrial-nanotech.com)  
[www.nansulate.com](http://www.nansulate.com)