

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

