

Erenko Textile: Reduced heat-on cycle use more than 50%



Large Turkish Textile Manufacturer

Product: Nansulate® Translucent High Heat

Application: Dye Machines and Heat Exchangers

Sustainable Solutions:

- Effective Insulation
- Energy Savings
- Reduced steam supply cycles
- Improved product quality (dye lot consistency)



“We have closely monitored a dyeing process which takes place at 60C for a 60 minute reaction time; the steam-based heat-exchanger of the un-insulated machine needed 24 heat-on cycles, whereas the Nansulate machine's heat-exchanger only needed 2 heat-on cycles. This proves that by proper insulation, heat losses are minimized, it also shows that oscillation of temperature is decreased.

“With a Nansulate coated dyeing machine, we have observed that the colour of fabric was surprisingly identical to one another, whereas in un-insulated machine, there is always a small difference in colour.”



-Ahmet Turgut, Factory Manager, Erenko Tekstil