

# Introducing NanoSteel® LPA Screens

**NanoSteel LPA Screens will more than double the life of conventional steel screens resulting in lower NOx emissions and longer SCR catalyst life**

## NanoSteel LPA Screens

NanoSteel LPA Screens feature our patented and proprietary SHS 8000 thermal spray coating which has proven to successfully protect boiler tubes and dry scrubber components from erosion and corrosion.

### ▶ Superior Erosion Resistance

In laboratory and field trial tests, NanoSteel patented nanotechnology based steel alloy coating consistently outperforms competing conventional steel coatings and untreated carbon steel

### ▶ High Bond Strength

In ASTM C633-01 testing, NanoSteel coating maintains a bond on carbon steel up to 11,400 psi without failure

### ▶ High Toughness

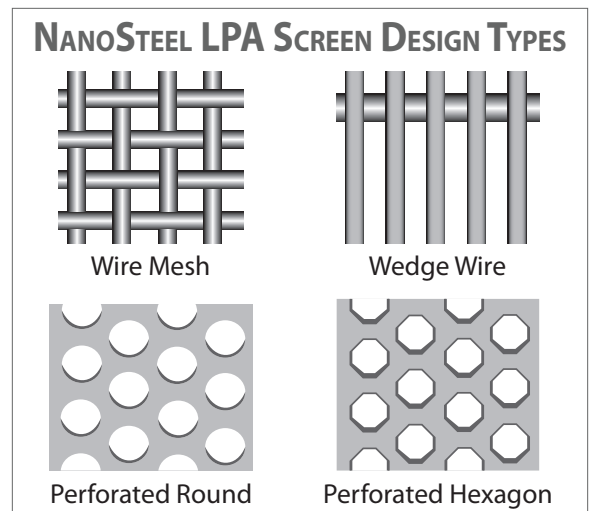
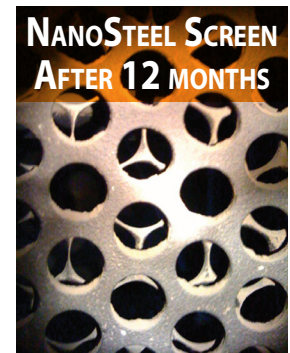
SHS 8000 provides ductility at high temperature allowing the coating to deform with the substrate upon impact without chipping, cracking or delaminating

### ▶ SCR Catalyst Protection

NanoSteel LPA Screens maintain geometry longer and prevent ash build up from causing expensive damage to catalyst layers and the SCR reactor

### ▶ Engineered to Fit Existing or New Screen Systems

NanoSteel can deliver ready-to-install LPA screens built to print or dimensions, in various design patterns and in any size



**Place Your Order Today • Contact NanoSteel Sales**

#### The NanoSteel Company

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