



Samsung – B10LAG2 High- Performance Duct Wrap Insulation for Semiconductor Manufacturing Facility



Samsung – B10LAG2 High-Performance Duct Wrap Insulation for Semiconductor Manufacturing Facility

CHALLENGES

Samsung needed a solution that could address both the high-frequency noise from the HVAC ducts and the thermal management of the pipes, especially in areas where high temperatures were required for the manufacturing process. The solution had to be effective in maintaining the strict environmental conditions needed for semiconductor production.

SOLUTION

Samsung contacted All Noise Control for help in addressing their HVAC noise and heat issues. The company recommended B10LAG2 – High-Performance Duct Wrap Insulation, which offered the perfect balance of acoustic duct liner properties and thermal insulation. B10LAG2 was installed around the ducts to absorb sound and maintain temperature stability, providing Samsung with the ideal solution to create a quieter, more energy-efficient manufacturing facility.

How B10LAG2 Solves These Problems

Noise Control: Machinery and duct systems in manufacturing plants can create excessive noise that distracts workers and lowers productivity. By applying B10LAG2, the acoustic treatment for ducts helps absorb sound and reduce the transmission of noise, creating a quieter and more conducive work environment.

Thermal Management: B10LAG2 is also ideal for reducing thermal energy loss from pipes carrying heated or cooled materials. The high-temperature pipe wrap helps maintain temperature consistency, reducing energy consumption and improving overall operational efficiency.

Enhanced Worker Productivity: A quieter and more comfortable environment leads to increased productivity. Workers are less fatigued by constant noise and discomfort, contributing to improved performance.

Long-Term Durability: Manufacturing facilities require robust solutions that can withstand constant use and harsh conditions. B10LAG2 is built to last, providing long-term noise and heat control.

PRODUCTS USED:

- 1.B10LAG2 – High-Performance Duct Wrap Insulation**
 - 2.Noise Control Duct Wrap**
 - 3.Thermal Acoustic Pipe Wrap**
 - 4.HVAC Duct Sound Wrap**
-