



ACOUSTICAL PIPE & DUCT WRAP BARRIER

Chevron Phillips Chemical Co.: Industrial Noise and Thermal Management

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At Chevron Phillips Chemical Co., high-pressure process piping, extensive HVAC ductwork, and continuous mechanical systems generate both vibration and airborne noise that can disrupt operations, reduce worker safety, and impair energy efficiency. Thermal losses from hot piping and condensation on chilled systems further compound operational challenges, requiring a robust acoustic and thermal solution.

All Noise Control installed ANC-B10LAG Wrap Barrier across HVAC ducts, process piping, pumps, and mechanical enclosures. The mass-loaded vinyl layer delivers high-density soundproofing performance for soundproof pipe and duct wrap, while the aluminum-faced mylar ensures chemical, moisture, and heat resistance. Its installation over existing insulation using matching tape allows rapid deployment without interrupting operations or requiring complex modifications.

Beyond acoustic performance, the B10LAG enhances thermal insulation, reduces heat loss, and prevents condensation, providing safer, more energy-efficient mechanical systems. The product meets ASTM E84 Class 1 fire-rating standards, ensuring reliable, long-term performance. Chevron Phillips Chemical achieves a quieter work environment, improved employee safety, and optimized system performance across both indoor and outdoor pipe wrap installations.