



PIPE AND DUCT BARRIER BLOG ON

Google Offices Stay Quiet with B10LAG Mass Loaded Vinyl Duct Barrier

WEB:

www.allnoisecontrol.com

PHONE:

(407) 559-7127

CLIENT OVERVIEW

Maintaining low noise levels is critical in open-office environments, especially near server rooms and mechanical areas. Google's campus faced challenges with duct breakout noise and vibration.

The Noise Challenge

- HVAC duct breakout from high-pressure airflow
- Vibration transferred into walls and ceilings
- Low-frequency rumble from return ducts
- Radiated noise through insufficient insulation

The solution had to minimize disruption to IT operations while improving office acoustic comfort.

The Solution: B10LAG Pipe & Duct Barrier

All Noise Control installed B10LAG, a mass loaded vinyl (MLV)-based duct wrap with a fiberglass decoupler:

- High-density MLV blocks airborne sound and low-frequency rumble
- Fiberglass reduces vibration transmission
- Flexible installation in tight mechanical rooms
- Minimal downtime during installation

Results & Benefits

- Substantial noise reduction in open-office areas
- Enhanced acoustic comfort for employees
- No impact on server operations
- Adopted as a standard solution for future upgrades

Conclusion

With B10LAG mass loaded vinyl duct wrap, Google successfully controlled mechanical noise while maintaining full IT and office operations, showing the value of MLV-based pipe noise control.