



TEXAS INSTRUMENTS USES ACOUSTIC BLANKETS TO BOOST MANUFACTURING PRODUCTIVITY

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SOUND MATTERS ON THE ELECTRONICS FLOOR

Electronics production lines at Texas Instruments involve compressors, pick-and-place machines, and testing stations that generate constant noise. Operators faced distractions and fatigue, impacting efficiency.

OVERCOMING NOISE OBSTACLES

- Open production floors amplified machine noise.
- Dynamic layouts made permanent soundproofing impractical.
- Airflow and maintenance requirements added complexity.



ACOUSTIC BLANKET IMPLEMENTATION

Custom-fitted acoustic blankets were installed around noisy machines, providing portable and reconfigurable noise control that maintained airflow and access.

RESULTS THAT SPEAK FOR THEMSELVES

- 10–12 dB reduction in noise
- Better communication and less operator fatigue
- Solution deployed across multiple facilities