

Acoustic Blanket Insulation Solutions

Energy savings | *Noise reduction* | *Safety solutions*



Applications: Compressors, Liquid Chillers, Blowers & Fans, Pump & motor housing, engines & gearbox casings, Control valves, Ejectors, HVAC ducting, Exhaust systems & custom sound curtain panels

Reduce Harmful Noise at the Source!

Industrial facilities face difficult noise challenges that exceed workplace safety limits and disrupt operations. These noise levels affect not only production floor workers, but also personnel, control room staff and even neighbouring buildings when equipment is located close to occupied areas.

TAS Acoustic Blanket Insulation is engineered to reduce noise **directly at the source**, using a flexible, multi-layer design that fits even the most irregular equipment surfaces.

TAS *Noise reduction*

**QUIETER, SAFER AND MORE EFFICIENT OPERATION
WITH TAS STANDARD INSULATION KITS**



Engineered Noise Reduction — Up to 16 dB(A)

Depending on the sound profile and installation conditions, TAS acoustic blankets can achieve **up to 16 dB(A)** of noise reduction. This provides immediate improvements in:

- Workplace comfort and communication
- Compliance with regulations
- Safety for operators and maintenance staff
- Reduced exposure to harmful noise levels

TAS *Noise reduction*

**QUIETER, SAFER AND MORE EFFICIENT OPERATION
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Key Benefits

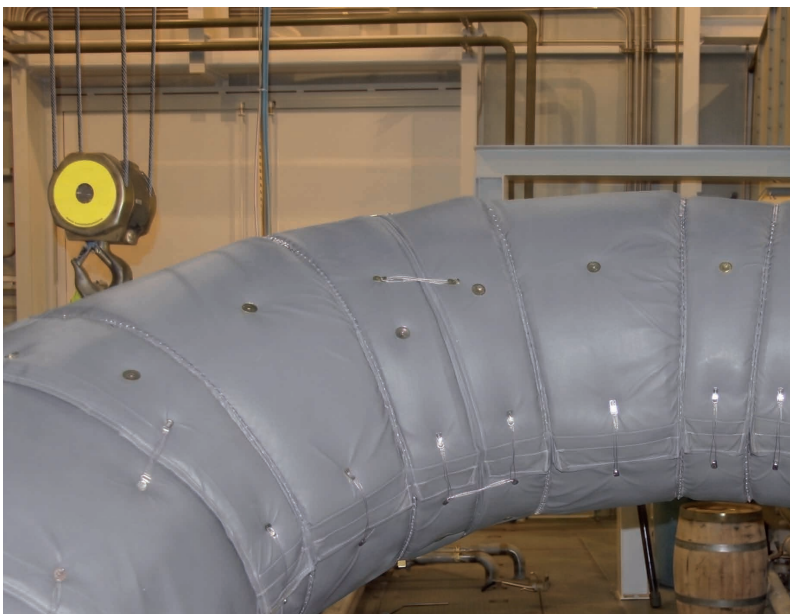
1. Reduces noise directly at the source
2. Custom-engineered for complex surfaces
3. Closed, clean, and easily maintained
4. Lightweight and vibration-resistant
5. Long service life (15–20 years)
6. Can be installed by plant personnel
7. Available in both standard kits and full custom packages
8. Suitable replacement for old asbestos-based insulation

TAS acoustic blankets are built for long-term performance in demanding industries. While protecting our proprietary manufacturing details, we ensure every blanket incorporates:

- A **robust outer shell** designed to withstand chemicals, wash-downs, vibration, and mechanical wear
- A **high-performance acoustic core** optimized for sound absorption and noise blocking
- **Reinforced stitching and edge binding** for exceptional durability
- A stable construction that performs reliably under continuous high-load operation
- Optional **combined thermal-acoustic** configurations for dual insulation needs

This results in a reliable, professional-grade solution suitable for compressors, chillers, blowers, pumps, and other mission-critical equipment.

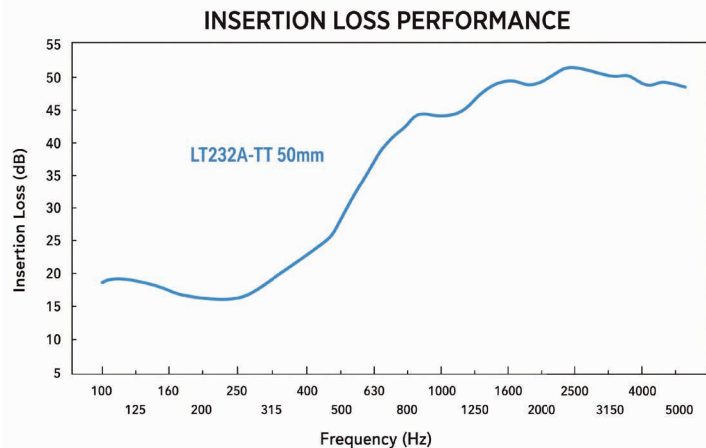




ACOUSTIC  BLANKET

TAS *Noise reduction*

107dBA SOURCE	A-WEIGHTED MEASUREMENTS
Test Frequency (in Hz)	LT232A-TT 50mm Noise Reduction (in dBA)
100	19
125	20
160	17
200	16
250	17
315	20
400	24
500	30
800	39
1000	44
1250	44
1600	49
2000	48
2500	51
3100	50
4000	49
5000	49



Acoustic Performance

Measured A-weighted noise reduction across the 100–5000 Hz frequency range:

- **LT232A-TT 25mm: 20.8 dBA**
- **LT232A-TT 50mm: 29.5 dBA**

ISO 9001: 2015, ISO 14001: 2018, ISO 45001: 2018

TAS / THERMAL • ACOUSTIC • SAFETY
BLANKET INSULATION
 “Quality, sustainability, energy efficiency”



PC#003 NOISE REDUCTION

Reduce harmful noise at the source for a safer workplace & compliance with regulations!



ACOUSTIC BLANKET

From compressors, chillers, engines to turbines and fans

