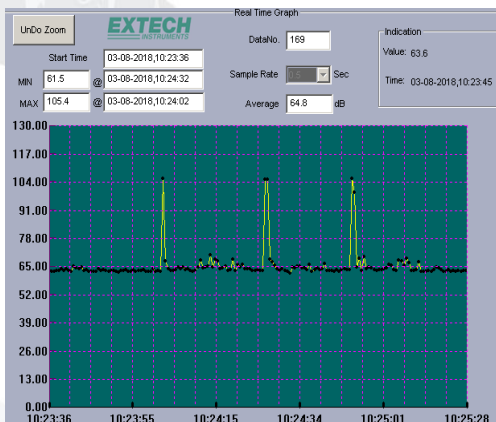


Sound Attenuation Testing

Constant:

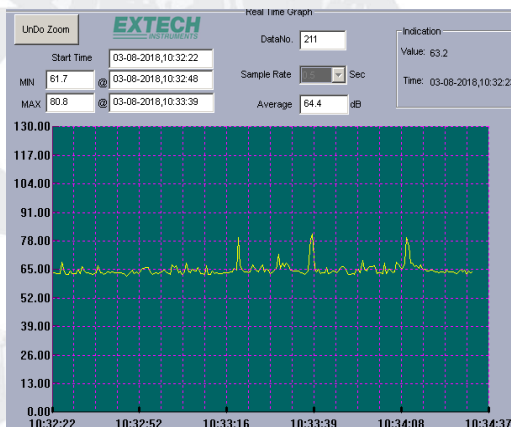
- Ambient average decibels 63 db.
- Sound meter four feet from impact.
- Weight dropped from ten feet from surface of liner.
- Ten pounds dropped into center of liner.

Bare Steel:



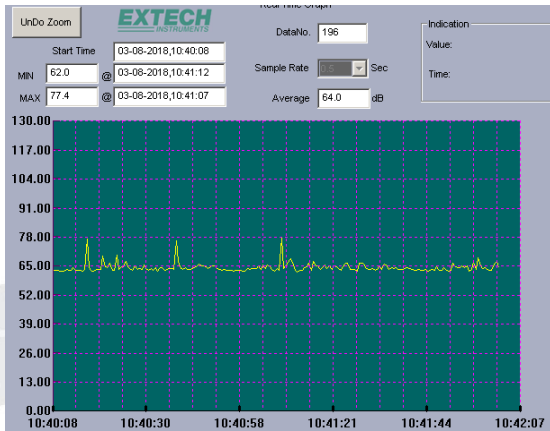
Upon testing of the bare steel, we experienced a 42-db. peak increase above the ambient sound level.

Two Inch Rubber Liner:



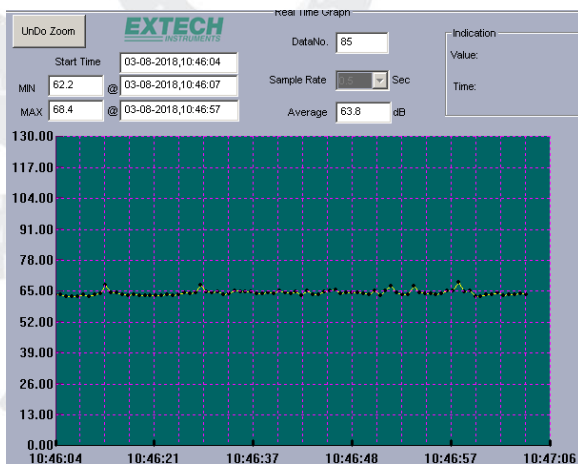
Upon testing of the two inch rubber liner, we experienced a 17-db. peak increase above the ambient sound level. But dropping 25-db. from the initial bare steel.

Four Inch Rubber Liner:

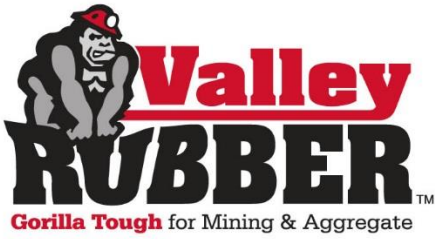


Upon testing of the four inch rubber liner, we experienced a 14-db. peak increase above the ambient sound level. But dropping 28-db. from the initial bare steel.

Six Inch Rubber Liner:



Upon testing of the Six inch rubber liner, we experienced a 5-db. peak increase above the ambient sound level. But dropping 37-db. from the initial bare steel.



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Conclusion:

Throughout testing, there was a significant decrease in sound levels directly related to the thickness of sample rubber liners. The ambient sound level averaged 63-db. Adding rubber liners to an application will make a positive impact on noise reduction.

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