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## SUSTAINABLE EFFORTS

### Noise Reduction

ArtFelt™ products provide an NRC rating of .35-.85\* reducing noise in your environment far superior to typical construction materials such as drywall.

### Carbon Footprint

ARTIZIN™ manufactures all our products in-house (vs outsourced/third party) in our facility centrally located in the US to reduce carbon emissions associated with logistics and cross country transportation.

### Air Quality

ArtFelt™ products produce zero formaldehyde emissions. ArtFelt™ products have been independently tested and certified by Intertek Sustainability as Clean Air Gold.

### Waste Reduction

ArtFelt™ scrap and waste from the manufacturing process of our products is re-purposed for packaging protection and samples to the launch of new products.

### Closed Loop Life Cycle

ARTIZIN™ can assist you in locating appropriate recycling centers or donation opportunities in your area.

### Fire Safety

ArtFelt™ Panels have been 3rd party tested per ASTM E84 to offer a Class A fire rating.

\*Actual NRC is subject to configuration and installation method used.

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## ENERGY EFFICIENT WITH NO WASTE



PET manufacturing is a remarkable and clean process. There is little to no environmental impact. No chemicals are used in conjunction with a very low energy process. All unused PET by-product, such as scraps, cuttings etc... are 100% recyclable and are put back into the manufacturing process to make the fiber. There is NO disposable waste.

## ARTFELT™ PET PROCESS



ArtFelt™ starts as recycled plastics such as soda bottles, bakery products, water bottles, peanut butter jars and even food packaging. Each ArtFelt™ sheet is made from the equivalent of over 200 plastic bottles.



Excess materials are removed like paper labels, or lids. The remaining plastic is then processed into small pellets.



The small pellets are rinsed and completely sanitized.



These pellets are then heated to a molten liquid that are extruded and stretched to form fine fibers.



The fibers that are extruded are slowly cooled by fans as they are formed.



After they have cooled the fibers are processed and blended into a mat. These mats are then compressed into sheets.



These sheets are now ArtFelt™ acoustic panels. ArtFelt™ is 100% recyclable and can be used across a multitude of industries.