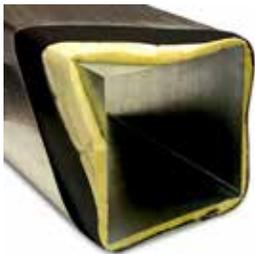


## AudioSeal<sup>®</sup> Duct and Pipe Lag and Wrap

The following installation instructions are given as a general guide to avoid common errors. Installer should follow best practices for construction and workmanship. Acoustical Solutions bears no responsibility for installation or contractor selection. Please contact a sales representative if you have questions, concerns or specific project requirements.

Be sure to inspect materials upon delivery. Please note any damage on the delivery ticket and notify Acoustical Solutions immediately. Materials should be stored in original packing in a clean, climate controlled environment free of moisture. Installation should not commence until building is enclosed and under standard occupancy conditions and surfaces are of acceptable condition and properly prepared. Do not install materials of unacceptable quality.



### DESCRIPTION

Determine the circumference of the pipe or duct to be wrapped. Always allow for 2" - 4" of overlap to prevent any gaps in the barrier that could diminish the acoustical performance of the product. Wrap the noise barrier around the insulation-covered pipe or duct. Overlap the barrier with a minimum of 2" at all seams, (circumferential and longitudinal). An MEK-based solvent adhesive, similar to the types used with vinyl flooring materials, may be used to adhere the overlapped joints. Follow the manufacturer's instructions carefully regarding the proper use of any adhesive. Filament, FSK facing tape or duct tape can also be used to temporarily hold the barrier in place, but these should not be relied on as a permanent installation technique as the adhesives on the tape can be attacked by the plasticizers in the vinyl causing tapes to fail. **DO NOT USE ADHESIVE FOR OVERALL INSTALLATION.**

**Note:** When cutting, additional material may be required to accommodate the thickness fiberglass underneath the wrap. Fiberglass lining or wrap should face inward and be installed against the pipe or duct.

Metal or plastic strapping bands should be installed over the barrier to hold it in place and guard against possible adhesive failure. Banding should be installed on either side of the radial seams and also along the midpoint of the pipe or duct on longer runs. Banding should be snug but should not be tightened to the point the underlying insulation is compressed. In lieu of banding, insulation "stick pins" and washers may be used to reinforce the seams in the noise barrier. Mechanical fasteners may also be used on larger spans. (Cupped head pins, weld pins, etc.). With any method, be sure not to overcompress the insulation or barrier material underneath.

**For elbows:** When covering an elbow, the usual method is to gore the barrier similar to what is used in sheet metal construction.

**For larger pipes and duct work:** Mechanical fasteners should be used on large diameter piping and duct work. Pins should be installed to ensure a snug fit but not so tight that they compress the insulation under the vinyl.

