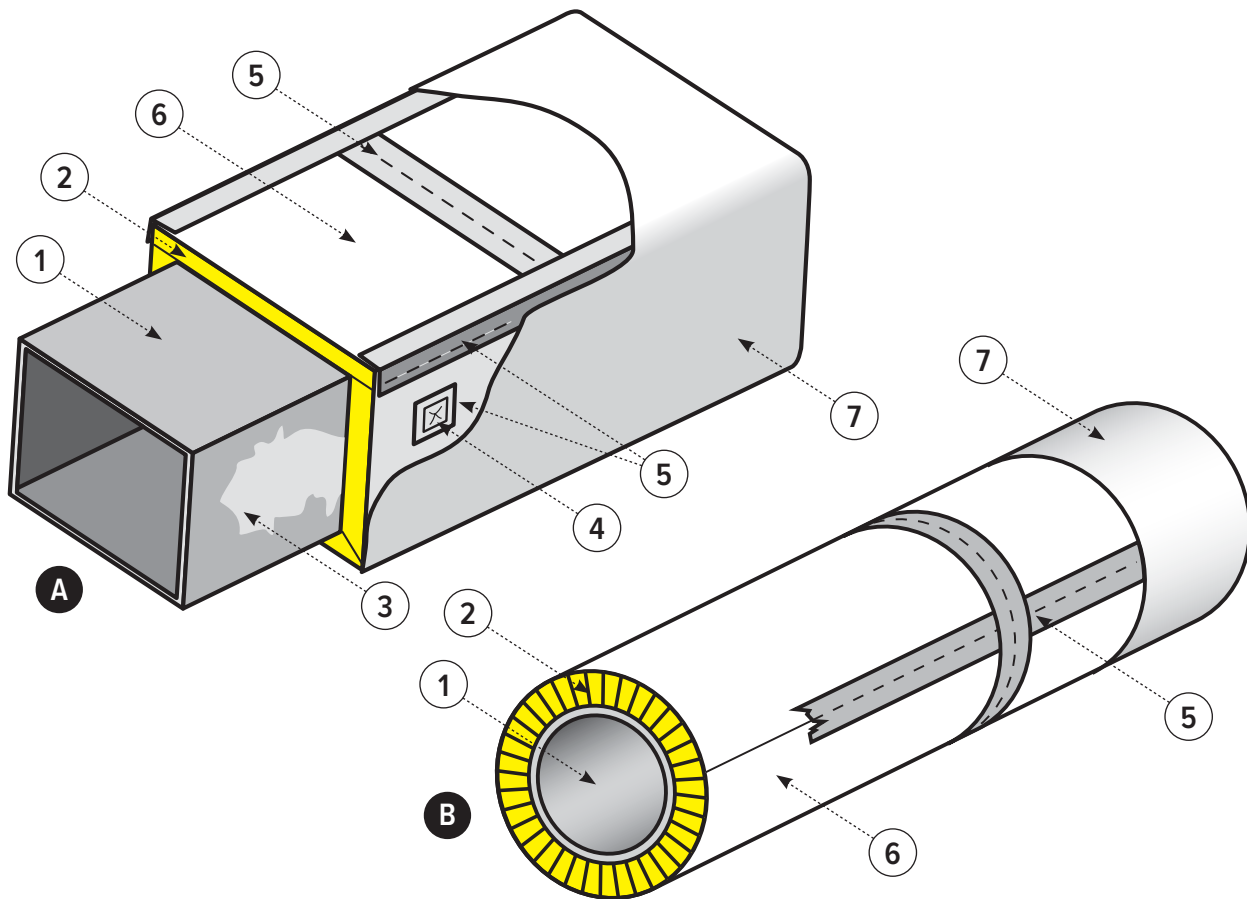


Rigid Board, Wrap-around, and Pre-formed Duct Insulation (Exposed)



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Rigid board duct insulation may be specified for exposed rectangular ducts plenums and housings. Rigid wrap-around and pre-formed pipe insulation may be specified for exposed round and oval ducts. Outdoor installations require a weather-barrier jacketing in addition to the factory-applied jacketing used on indoor exposed applications. Types of jackets available include metal, plastic, or flexible membranes. Choice of jacket is dependent upon the mechanical abuse, weather exposure and appearance requirements of the installation.

Bends or sweeps of round ductwork may be treated with mitered segments of pipe covering as illustrated in *Plate 2-110*, or with flexible insulation as illustrated in *Plate 2-500*.

Detail **A** — **Rectangular**.

Detail **B** — **Round or oval**.

Materials: Rigid duct insulation, vapor-retarder tape or mastic, adhesive, mechanical fasteners, and jacketing.

1. Duct.
2. Insulation.
3. Adhesive (optional).
4. Mechanical fasteners.
5. Vapor-retarder tape or mastic.
6. Jacketing (factory applied).
7. Jacketing (field applied).