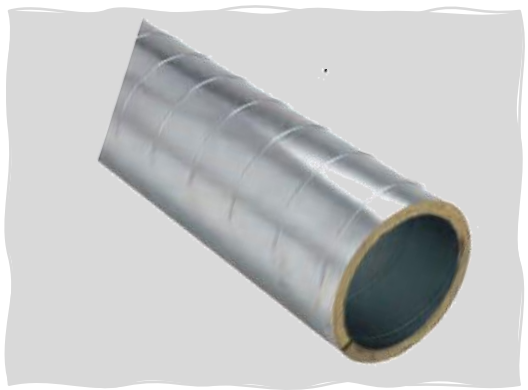
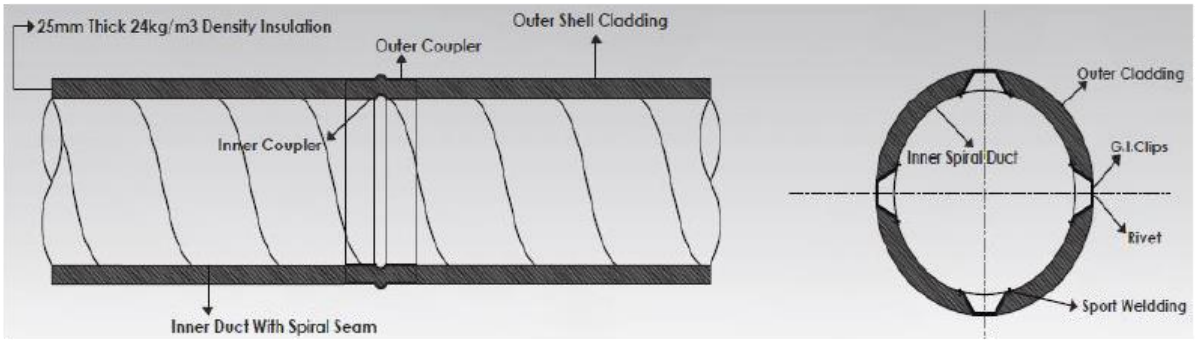
DOUBLE WALL SPIRAL

DOUBLE WALL SPIRAL

The primary objective of HVAC design is a balanced system that efficiently delivers the required volume of conditioned air to all of the building's spaces. However, there are additional requirements, such as thermal efficiency, noise reduction, and condensation control that significantly influence long-term cost and productivity and ultimately the cost of ownership. The most effective method of meeting these requirements is insulating the ductwork that delivers the conditioned air.

Inadequate duct insulation can result in significantly higher long-term energy costs. Uninsulated or poorly insulated heating or cooling ducts that run thru spaces with a high ambient temperature differential can give up significant amounts of heat energy to the environment or, in the case of cooling, absorb unwanted heat. To compensate, heating and cooling units will either must work harder, or will need to be resized to meet the increased demand—both of which increase energy costs.





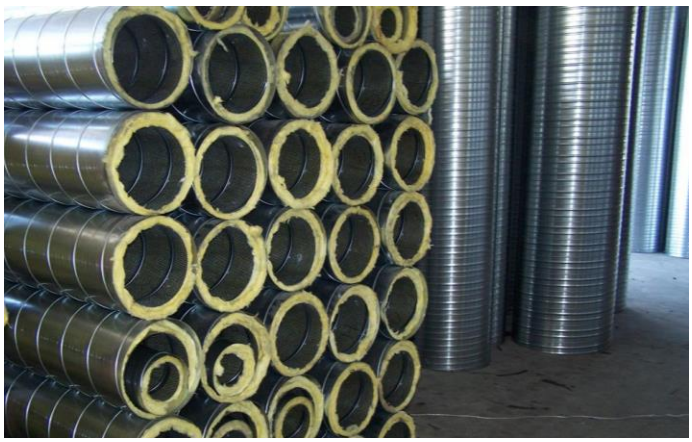
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In addition, inadequately insulated duct on cooling runs thru spaces with high relative humidity or high dew points can result in condensation on external duct surfaces leading to expensive damage to other building components (such as ceiling tiles and drywall), promoting the growth of unhealthy mold and bacteria (known health hazards which are costly to eliminate), and further reducing the effectiveness of the duct insulation itself.

Double Wall (also called Dual Wall) insulated spiral pipe offers exceptional thermal and noise control, and it is the most reliable, durable, and permanent method of insulating spiral pipe.

Comprised of two concentric spiral pipes of different diameters with the intervening space filled with insulation (usually fiberglass), dual wall insulated spiral pipe is virtually airtight, and the insulation is protected from the four most common types of failure: job site damage, erosion due to high-pressure, turbulent airflows, and condensation. Since the insulation is factory installed, time-consuming and labor-intensive installation at the job site is eliminated.

In addition, SASCO can manufacture this duct according to project Specification with outer jacket of Aluminium, galvanized iron and stainless steel.
Insulation can be used as per project specification with wide range Of thickness of 1", 2" & 3".



Product features :

- Double wall fire protection
- No sheet metal screws in the air stream
- Lower friction loss
- Improved appearance
- Speed installation
- No fiber in the air stream
- Protection against external damage