



Versatile Ducting &  
Technosolutions Private Limited

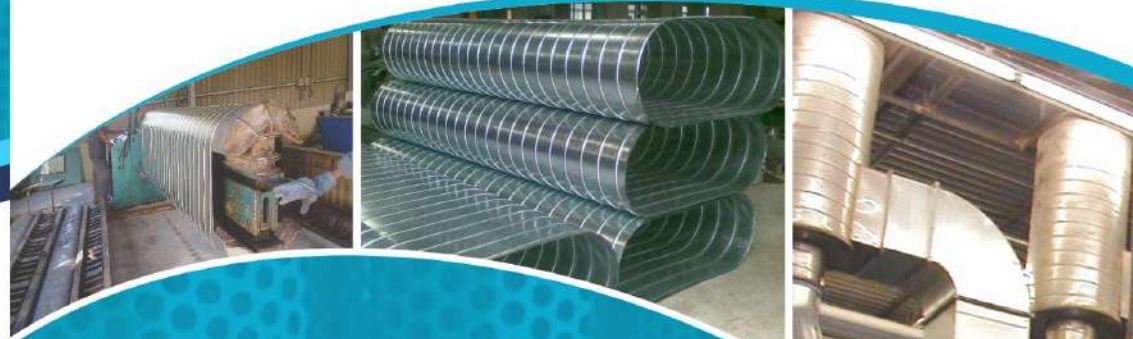


Versatile Ducting & Technosolutions Private Limited

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Manufactures of Spiral Round, Oval Tubes & Void Formers



## Introduction

This brochure has been prepared to give you a quick overview of VERSATILE DUCTING TECHNOLOGIES revolutionary line of air handling versatile ducts.

Versatile ducts unique design offers the air handling industry greater economy than standard rigid duct, without sacrifice in the products performance, strength, or ease of installation.



## Applications

- Rain water down pipe
- Protection for electric cables
- Drainage
- Down spouting
- Warm air heating
- Fume & duct removal
- Pilling sheath for concrete piles
- Void formers in concrete
- Marine & general ventilation
- Sound absorbers
- Double skin vent pipe conveyor systems
- Drums & containers
- High & low velocity air conditioning

## Round Spiral Duct & Round Plain Duct

Round duct unique design offers the air handling industry greater economy than standard rigid duct without sacrifice in the products performance, strength and ease of installation. Versatile ducts are suitable for HVAC supply and return air duct work for almost all conditions of pressure and velocity used in conformance with recognized good practice.

### Features

SPIRAL DUCT is high quality light gauge lock seam duct used of automated German machinery.

## Spiral Flat Oval Duct & Plain Flat Oval Duct

The SPIRAL FLAT OVAL DUCT is precision formed on automatic machinery with Galvanized sheet, aluminum or stainless steel and has all the superior construction features of the SPIRAL ROUND DUCT. It has been designed to -

- Provide an engineered duct for areas with low head room and restricted locations which will not accommodate a round duct.
- Provide a duct without sharp corners so that air turbulence is minimized.
- Suitable for low roof heights.
- Typical variations of flat oval duct with identical circumference which can be made from the same diameter circular tubes.

Thickness range- 0.4 mm to 1.2mm, with required length.

Fittings- Complete machine made up of CNC PLASMA cutting elbows joining by gore locker.

## Void Formers

Void former tubes obtain very high radial rigidity by means of special corrugations and are thus highly suitable as void former in concrete structures, but can also be used in culverts and casting forms for piles, plinths and columns. As void formers these tubes are embedded, thus reduce the dead weight of the structure.

## Area of use

In building projects such as bridges and quaysides, void tubes make possible large spans thanks to a reduction in dead weight and thus permit good technical, aesthetic and economic solutions.

## Properties

- Void forming tubes meet the requirements of concrete structures for a highly rigid but light sheet metal tube that can withstand being embedded without deformation.
- The seam is entirely tight, thus preventing water from entering the tube.
- The low weight makes tube handling easy and their internal seams and corrugations ensure that the tubes do not catch on each other, and facilitate the mounting of female ended cones or caps.
- Void formers are sealed with end cones that are supplied, fitted to the tubes.
- Void formers withstand reinforcement loads and transportation as well as fast tempo casting.

## Rectangular Ducting Systems

Rectangular ducting is ideal for fitting in kitchens concealed above wall units or in wall or ceiling voids due to its low profile.



These systems will cater for most domestic requirements including short runs for low powered extraction and longer more complex configurations for powerful cooker hoods.

## About The Company

Versatile ducting technologies is the leading supplier of duct & fittings to the heating, ventilating, air-conditioning, and mine ventilation.

Versatile continual research & refinement in every aspect of product design has resulted in quality, reliable and economical products.

