



THE COMPLETE DUCT SOURCE

Quality—Delivery—Service—Design—Price

US DUCT FLANGED (ANGLE RING) BID SPECS:

General Description: A full line of industrial ducting used primarily in the collection/transference of waste material created during manufacturing processes.

Basic Characteristics: Metal ducting utilizing one of several method to join the duct together. Methods include raw ends where duct is welded together, angle rings/flanges where the angle ring is welded to the duct in a fixed method, or angle rings/flanges where the ring is left loose so as to rotate freely on the duct 'behind' a van -stoned end (a 1/2" lip turned at 90 degrees) formed on the end of the duct. In this latter method, the van-stoned ends are pressed together between the joining flanges.

Material: Galvanized, 304 and 316 SS, or carbon steel

Gauges: Components available in 8-24gauge depending on diameter and radius of elbows. Elbows are typically 2 gauges heavier than the duct.

Sizes: 3" up to 120" (Call for larger.)

Components: All components. (Pipe, elbows, branches, gates, hoods, adapters, hangers, flex hose and ALL other components— standard and specials built to drawings.

Construction:

Pipe— Laser welded seams and/or tubed based upon classification, gauge and material.

Elbows— Stitch welded pressed halves, segmented 'gore' and then mechanically locked or welded, tubes. Any radius is available. Normally specified in Center Line Radius (CLR)

Branches— Spot welded or welded reducers with full welded laterals. Available in 30,45 or 90 degree laterals.

Cut-offs- Aluminum with Galvanized or SS blades

Gates— Full welded and/or folded metal in galvanized or SS. Optional pneumatic cylinders controlled by electrically activated solenoids.

All other fittings constructed to normally accepted standards.

Flex hose— Various materials (urethane, steel, poly carbonates) and thickness.

Application/Gauge/Welding Method Notes- Duct is built in accordance with SMACNA guidelines which are based upon operating pressures, abrasiveness relative to conveyed material and velocities. Angle ring/flanges are welded to the duct accordingly.

Hanging— Generally accepted methods include cable hangers and saddle hangers.

Warranty- a 1 year warranty for material defects and workmanship is provided from the date of manufacture for all fabricated items.