PRODUCT SPECIFICATIONS

Spiral Duct & Fittings



Round spiral ductwork

Round Spiral Ductwork

Spiral lock seam round duct and fittings for HVAC supply, return, exhaust, exposed duct runs, and equipment connections.

- Galvanized spiral duct is standard; aluminum and stainless spiral duct can be quoted when the project requires another material.
- Spiral pipe is available in every size from 4" through 10", then even sizes through 40". 10'-0" lengths are standard, with custom lengths available when required.
- Fittings can be gore locked, spot welded, or fabricated with Taloc construction. Duct sealant is optional when specified.

STANDARD MATERIAL	**G90 Galvanized Steel**
SIZE RANGE	**4" - 40"**
STANDARD LENGTH	**10'-0" sections**

Construction Standard

Application	Round spiral duct and fittings for HVAC supply, return, exhaust, exposed duct runs, rooftop equipment connections, and general air distribution systems.
Standard material	G90 galvanized steel is standard. Aluminum and stainless steel are available when quoted for project-specific material requirements.
Sizes & gauge	Spiral duct is offered in every diameter from 4" through 10", then even sizes through 40". Galvanized spiral duct can be supplied up to 20 gauge depending on size and quoted project requirements.
Straight sections	10'-0" spiral pipe lengths are standard. Custom lengths can be produced when required to coordinate field conditions, shipping, or installation layout.
Fitting construction	Round fittings can be gore locked, spot welded, or fabricated with Taloc construction based on size, material, application, and quoted scope.
Connection options	Slip couplings, raw/plain ends, flanged ends, collars, taps, and custom connection details are available as shown or quoted. Duct sealant is optional when specified.
Quality check	Spiral duct and fittings receive visual inspection before release. Leak testing, pressure testing, or certified inspection are by others unless quoted.

Spiral Duct & Fittings

Build Quality

Made to spec
Built to released diameter, material, length, and connection details.

Built tough
Spiral lock seam duct for efficient round air distribution.

Quality checked
Pipe and fittings receive visual inspection before release.

Material options
Galvanized standard, with aluminum and stainless available.

Fabrication Capabilities

Spiral pipe	Round spiral duct in standard 10'-0" lengths and project-specific lengths when required.
Round fittings	Elbows, offsets, reducers, transitions, taps, collars, branches, and custom round fittings.
Materials	G90 galvanized is standard; aluminum and stainless steel can be quoted for lighter weight, corrosion resistance, cleanability, or exposed finish requirements.
Fitting build	Gore locked, spot welded, or Taloc construction can be selected based on material, diameter, pressure, and project requirements.
Connections	Slip couplings, flanged ends, collars, raw ends, and special connection details can be coordinated before release.
Release support	Built from released diameters, lengths, fitting angles, material, connection details, sealant requirements, and piece marks.

Material Options

Galvanized
Standard spiral duct material for most HVAC supply, return, exhaust, and exposed round duct applications.

Aluminum
Available when a lighter-weight or corrosion-resistant material is preferred for the project environment.

Stainless
Available in stainless steel when cleanability, washdown, corrosive exposure, or exposed finish requirements call for it.

Material selection
Confirm material, gauge, finish expectations, and any sealant requirements before release.

Connection Options

Slip couplers
Standard joining
Couplings for screw assembly of spiral pipe sections.

Plain ends
Field fit
Raw or plain ends for field trimming and coordinated assembly.

Flanges
Bolted ends
Flanged connections can be quoted where bolted assembly is required.

Sealant
Optional sealing
Duct sealant can be applied or supplied when specified.

Optional Accessories

Fitting options
Gore locked, spot welded, or Taloc fitting construction as required by the project.

Sealing
Duct sealant, gasket, butyl, or mastic details where specified and quoted.

Access
Access doors, cleanout openings, inspection panels, and drain fittings when applicable.

Custom details
Special collars, taps, branches, flanges, reinforcement, piece marks, and hardware.

Required for Quote / Release

- Diameter, material, gauge if specified, quantity, and required standard or custom lengths.
- Approved drawing, sketch, or verified field dimensions with airflow/orientation noted.
- Fitting list with angles, offsets, reducers, taps, collars, branches, and transition requirements.
- Connection details: slip couplings, plain ends, flanged ends, sealant, gaskets, or special hardware.
- Piece marks, access openings, pressure class, seal class, exposed finish requirements, and any testing requirements.

Spiral Duct & Fittings

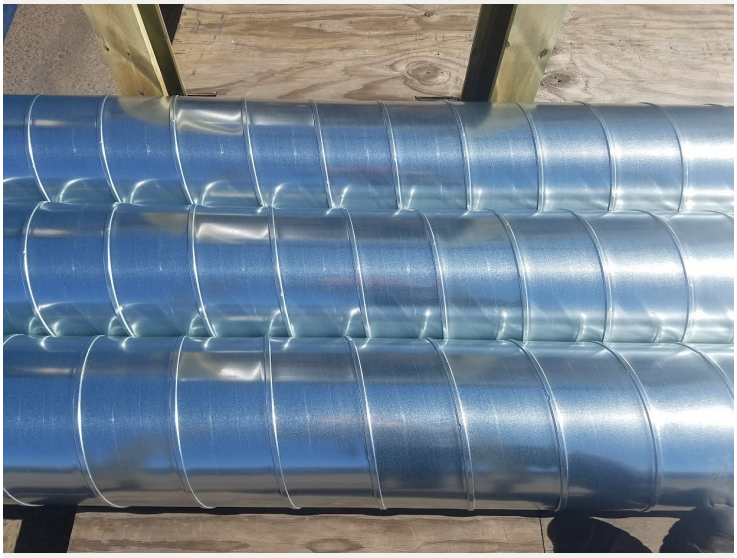
Applications & details



Spiral fittings

Round elbows, offsets, transitions, taps, and equipment connections can be coordinated with the spiral duct package. Fitting geometry, branch orientation, connection type, and adjoining diameters are fabricated from the released system layout.

Applications & details



Spiral seam construction

Standard galvanized spiral pipe is formed with a continuous helical seam for efficient round duct runs from 4" through 10" and even sizes up to 40". Material, gauge, diameter, length, and connection details should be confirmed before release.

Spiral Duct & Fittings

Applications & details



Packaged for release

Straight pipe and fittings can be staged by size, mark, or release package for pickup, delivery, or coordinated field installation. Labels, fitting schedules, accessory requirements, and shipping splits can be organized around the contractor's sequence.

Not Included Unless Quoted

- Installation, hoisting, rigging, roofing, roof penetration work, or field sealing unless quoted.
- Engineering, permits, inspections, balancing, cleaning, field finish touch-up, or listed-system certification.
- Leak testing, pressure testing, fire wrap, fire-rated enclosure, gaskets, sealant, hardware, or rework from changed release dimensions unless quoted.

Scope & Responsibility

Code note: Applicable codes, project specifications, pressure and seal class, material requirements, and AHJ direction govern the completed system. Legacy fabricates to released dimensions and quoted scope. System design, material selection, installation, field sealing, clearances, balancing, and acceptance remain by others unless quoted.

Ready to Quote?

Let's get your project moving.

Send drawings, sketches, photos, or field measurements. Legacy is ready to go to work for you.

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