

STANDARD



TINSMITH & ROOFER SUPPLY CORP.

EST. 1914



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STOCK ITEMS

GALVANIZED

Gauge:
26 • 24 • 22 • 20 • 18 • 16

Coil:
5.394" Slit Coil & 60" Wide

Sheets:
48"x96"
48"x120"
60"x120"



HOT & COLD ROLLED STEEL

Gauge:
16 • 14 • 12 • 10

Sheets:
48"x96"
48"x120"
60"x120"



ALUMINUM

Mill Finish & Tread Plate:
.032 • .040 • .050
.063 • .080 • .125

Sheets:
48"x96"
48"x120"
60"x120"



STAINLESS STEEL

Type: 304 & 316

Gauge:
24 • 22 • 20 • 18 • 16

Sheets:
48"x96"
48"x120"
60"x120"



ACOUSTICAL DUCT LINER & WRAP

Liner
1/2" X 47"
1" X 47"
1 1/2" X 47"
1/2" X 59"
1" X 59"
1 1/2" X 59"
2" X 59"

3M Fire Wrap
1 1/2" X 24"

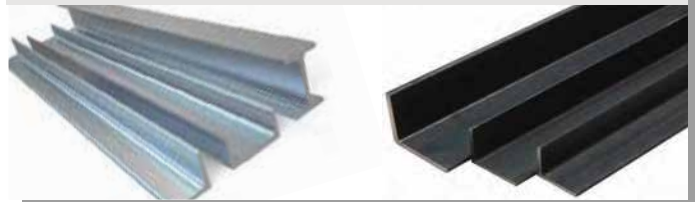
Duct Wrap
1 1/2" X 48"
2 3/16" X 48"



ANGLE & CHANNEL

**Galvanized Angle
&
Channels**

**Black Angle
&
Channels**



ADHESIVE

Water-based

Spray

Solvent-based



HARDWARE

- Duct Sealer
- C-Drive
- S-Slip
- Weld Pins

- J-Flange
- J-Corner
- J-Cleat
- Canvas Connector

- Bolt/Nut/Screw
- Blue Duct Film
- Tape (FSK • Foil)
- Gasket



OVAL CHART

GALVANIZED • PAINT GRIP • ALUMINUM
24 GAUGE THROUGH 18 GAUGE

Minor Axis	4	6	8	10	12	14	16	18	20	22	24	
Diameter:												
6	7.0											24 Gauge
7	8.5											
8	10.2	9.2										
9		10.4										
10	13.4	12.3	11.2									
11	14.9	13.6	12.7									
12		15.3	14.2									
13		16.8	15.7									
14		18.6	17.3									
15			18.9									
16		21.8	20.4									
17		23.4	22.2	21.1	19.9							
18		25.0	23.8	22.7	21.5	20.3						
19		26.6	25.4	24.1	23.1	21.9	20.7					
20		28.1	27.0	25.8	24.7	23.5	22.3	21.2				
22		31.3	30.1	29.0	27.8	26.7	25.5	24.3	23.2			
24		34.5	33.3	32.1	31.0	29.8	28.7	27.5	26.3	25.2		
26		37.6	36.5	35.3	34.1	33.0	31.8	30.7	29.5	28.3	27.2	
28		40.8	39.6	38.5	37.3	36.1	35.0	33.8	32.7	31.5	30.3	
30		44.0	42.8	41.6	40.5	39.3	38.1	37.0	35.8	34.7	33.5	
32		47.1	46.0	44.8	43.6	42.5	41.3	40.1	39.0	37.8	36.7	
34		50.3	49.1	48.0	46.8	45.6	44.5	43.3	42.1	41.0	39.8	
36		53.5	52.3	51.1	50.0	48.8	47.6	46.5	45.3	44.1	43.0	
38		56.6	55.5	54.3	53.1	52.0	50.8	49.6	48.5	47.3	46.1	
40		59.8	58.6	57.5	56.3	55.1	54.0	52.8	51.6	50.5	49.3	
42		62.9	61.8	60.6	59.5	58.3	57.1	56.0	54.8	53.6	52.5	20 Gauge
44		66.1	64.9	63.8	62.6	61.5	60.3	59.1	58.0	56.8	55.6	
46		69.3	68.1	66.9	65.8	64.6	63.5	62.3	61.1	60.0	58.8	
48		72.4	71.3	70.1	68.9	67.8	66.6	65.5	64.3	63.1	62.0	
50		75.6	74.4	73.3	72.1	70.9	69.8	68.6	67.5	66.3	65.1	
52		78.8	77.6	76.4	75.3	74.1	72.9	71.8	70.6	69.5	68.3	
54		81.9	80.8	79.6	78.4	77.3	76.1	74.9	73.8	72.6	71.5	18 Gauge
56				82.8	81.6	80.4	79.0	78.1	76.9	75.8	74.6	
58							82.4	81.3	80.1	78.9	77.8	
60									83.3	82.1	80.9	

FLAT OVAL & ROUND SPIRAL

Flat Oval Duct Description

Flat oval spiral ducts have been designed to be used in a multitude of applications where architecturally sound visibility is necessary or space restricts the use of round spiral duct. Flat oval spiral duct is fabricated using a lock seam method which reinforces its strength and durability. Refer to the chart below for specific materials, gauges and lengths.

Material	Thickness	ASTM	Type	Length
Galvanized	24-18 Gauge	A-653	G60-G90	1' to 10'
Paint Grip	24-18 Gauge	A-653	A60	1' to 10'
Aluminum	24-18 Gauge	B-316	3003 H-14	1' to 10'
Stainless Steel	24-18 Gauge	A-240	304 or 316	1' to 10'

Flat Oval Recommended Size and Gauge Chart:

Major Dimension Duct Width	Spiral Seam Duct Gauge	Gauges of Fittings
4" to 24"	24	24
26" to 36"	22	22
38" to 48"	22	20
50" to 60"	20	20
62" to 70"	20	18
72" and up	18	18

Ring Connection

Standard Tinsmith flanged ring connectors are fabricated from 16 Gauge material matching the type of material used for the round or flat oval spiral duct in your order. These flanges are used for assembling round and flat oval spiral duct fittings. When the ring connection is provided for double wall round and flat oval spiral duct or fittings, a secondary factory installed flange is affixed. This keeps the inner liner concentric and eliminates the need to make an additional connection at the inner wall.

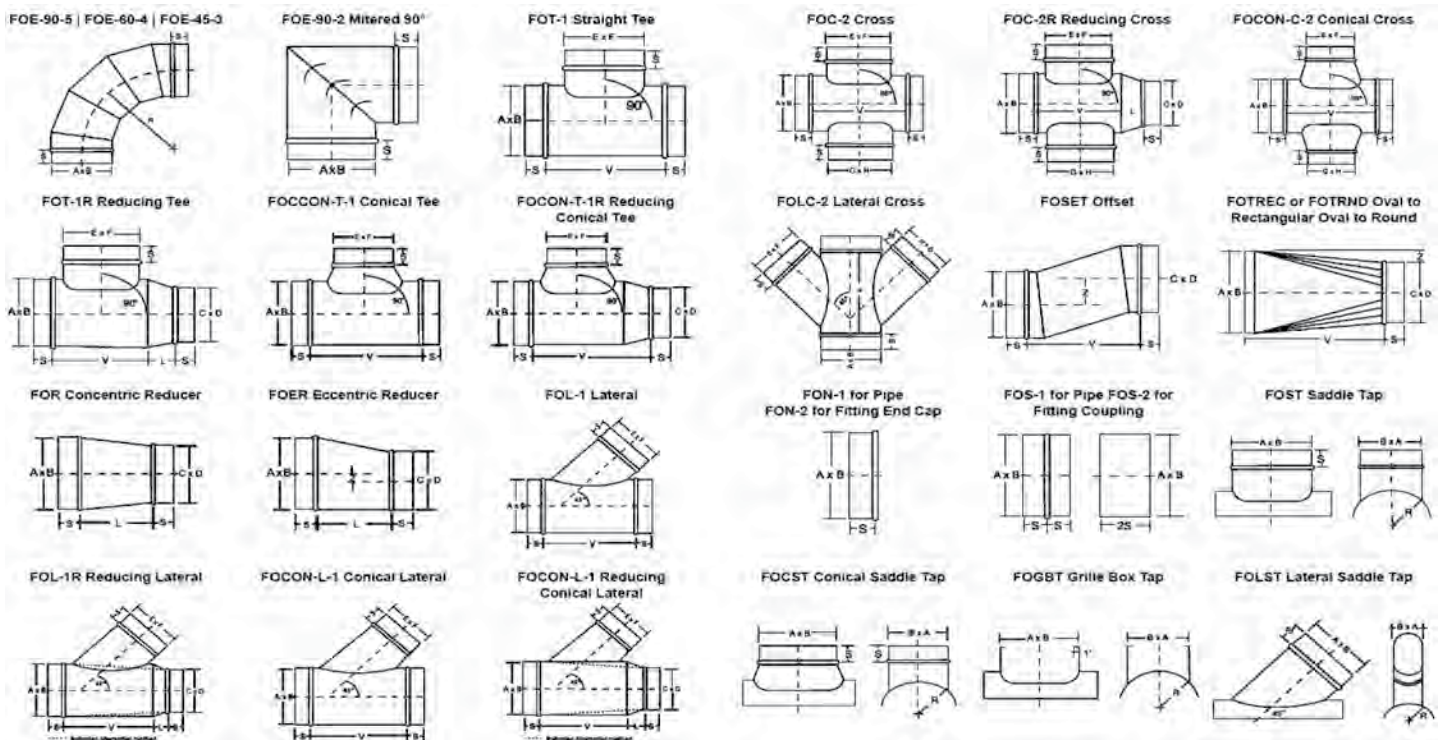


Coupling Connection

Pipe to pipe connections are made by using a fitting sized coupling that slips inside the mating duct sections. A stop bead runs around the middle of the coupling which is then centered between connections. Secure the connection by using mechanical fasteners, 1/2" back from the stop bead.



FLAT OVAL & ROUND SPIRAL FITTINGS



ABOUT US

With over 106 years of history and heritage, Standard Tinsmith is widely known as the most reliable source for all sheet metal products related to the HVAC industry. You can count on us for the best service, at the most competitive prices, coupled with the highest quality product lines. The same core values that Standard Tinsmith was opened upon in 1914 are still present four generations later.

Here at Standard Tinsmith, we pride ourselves as an exclusive Made in USA sheet metal service center in the market place. Our team is fully trained and ready to assist you with any concerns or questions you may have. We will make your job easier by helping you through the entire procurement process.

Standard Tinsmith has become a staple name in the HVAC industry with our in-house manufactured round spiral and flat oval spiral duct work. Our retro industrial round spiral ducts and flat oval ducts are equally energy efficient and aesthetically fitting for your HVAC buildout. Our quality control team makes sure each and every job is test fitted prior to leaving our facility. Each piece of duct and pipe is made from the same material lot to ensure all piece finishes match upon installation.

As a commitment to delivering what you need, when you need it; our facility is always stocked with the following: **Galvanized · Aluminum · Stainless Steel · Hot & Cold Roll Steel · Aluminum Diamond Tread Plate · Galvaneal · Galvanized & Hot Roll Angle-Channel · HVAC Internal and External Duct Insulation · Duct Liner Adhesives · Foil & FSK Tapes · HVAC air regulation control hardware.** In keeping with our heritage from our founders, we continue to provide our old-fashioned tin ceiling line which we have been stamping since the early 1900's.

Check us out online at www.Tinsmith.com

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