



PRODUCT GUIDE

DUCTWORK MADE EASY

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DUCT TYPES

US Duct is the only manufacturer offering multiple connection systems. Choose the system that's right for you, depending on the application. All components, special and custom fabrications, can be manufactured in the connection type of your choice. Laser welding is available on all applicable products, gauges, and materials.

TWO CLAMP TOGETHER DUCT SYSTEMS



➔ **Rolled-Lip (Gasketed Clamp):** **Fastest Connection, Tight Seal**

US Duct's Rolled-Lip Clamp-Together System utilizes a rolled edge formed on the end of all parts.

- Lips are joined with a gasketed, over-center clamp
- Clamp-together system reduces installation time by up to 70%
- Adjustable sleeve and collar on the end of each fitting allows for infinite field adjustments.



➔ **Vanstone Edge (Fully-Gasketed Edge):** **Fast Connection, Tightest Seal**

US Tubing, our airtight Clamp-Connect System, is:

- A modular, laser-welded, clamp-and-gasket joining system
- Guaranteed leak-free.
- Each component terminates in a turned-out lip on each end. V-shaped gasket fits over one lip at each joint, and the connection is completed with an adjustable clamp, forming an airtight seal
- Adjustable sleeve allows for easy adjustments in the field.

TWO FLANGE DUCT OPTIONS

US Duct provides duct with flanges (angle rings) in black iron, galvanized, or stainless steel (SS) with or without holes in sizes 3" and up. These flanges are either placed behind turned-out pipe



edges or welded to the end of each component. The two flanges at each joint are bolted together, with or without a sealing gasket.

Vanstone—This term refers to a technique whereby a flange is used to mate 90° lips turned onto the pipe or duct component. In this method, the flange is placed onto the pipe, the lip turned back, and the flange is trapped behind it and can spin freely.

Welded—These flanges are welded to the duct (18ga and heavier) and the faces of the flanges are the mating surface. Gaskets are often added between the flanges to create an even tighter seal.

PRODUCT CATEGORIES

- 02 ROLLED-LIP LASER-WELDED
CLAMP-TOGETHER DUCT
- 09 VANSTONE EDGE LASER-WELDED
CLAMP-TOGETHER DUCT
- 15 FLANGE DUCT SPECIFICATIONS
- 21 SPECIAL SOLUTION PRODUCTS



ROLLED-LIP LASER-WELDED CLAMP-TOGETHER DUCT

**INFINITE ADJUSTABILITY AND FAST,
EASY INSTALLATION**

We know you'll fall in love with Clamp-Together Duct!

US Duct's **Rolled-Lip Clamp-Together System** utilizes a rolled lip that is formed on the end of all parts. The lips (think small version of a 55 gal barrel) of the mating parts are joined together with a gasketed, over-center clamp. The clamp pulls the ends together and envelops them inside the sealing gasket. The duct is available in galvanized or SS and in most gauges (depending upon diameter).

Using the combination of a separate 11" long adjustable sleeve and/or the integral adjustable collar on each fitting, the US Duct Clamp-Together system is infinitely adjustable. This feature, along with the clamp, enables the novice or the professional to reduce installation time by 70%.



ROLLED-LIP CLAMP-TOGETHER SYSTEM

Rolled-Lip Pipe



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"
Base#	RP03	RP04	RP05	RP06	RP07	RP08	RP09	RP10	RP11	RP12	RP13
Ga.	24	24	24	24	22	22	22	22	22	20	20
Options	Std 5' lengths			Available in SS and Galvanized.				Std gauge shown, but can be constructed up to 10 gauge.			
Dia.	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"	24"
Base#	RP14	RP15	RP16	RP17	RP18	RP19	RP20	RP21	RP22	RP23	RP24
Ga.	24	24	24	24	22	22	22	22	22	20	20
Options	Std gauge shown, but can be constructed up to 10 gauge.			Use the adjustable sleeve to adjust the length.							

Clamp



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"
Base#	RCL03	RCL04	RCL05	RCL06	RCL07	RCL08	RCL09	RCL10	RCL11	RCL12	RCL13
Options	Standard Gasket is Buna-N rubber.										
Dia.	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"	24"
Base#	RCL14	RCL15	RCL16	RCL17	RCL18	RCL19	RCL20	RCL21	RCL22	RCL23	RCL24
Options	Silicon, Viton and Goretex are also available.										

Adjustable Sleeve

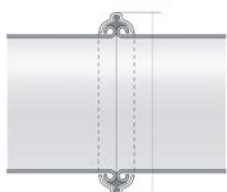


Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"
Base#	RAS03	RAS04	RAS05	RAS06	RAS07	RAS08	RAS09	RAS10	RAS11	RAS12	RAS13
Options	Standard Gasket is Buna-N rubber.										
Dia.	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"	24"
Base#	RAS14	RAS15	RAS16	RAS17	RAS18	RAS19	RAS20	RAS21	RAS22	RAS23	RAS24
Options	Silicon, Viton, and Goretex are also available.										

Extra O-Ring



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"
Base#	ROR03	ROR04	ROR05	ROR06	ROR07	ROR08	ROR09	ROR10	ROR11	ROR12	ROR13
Options	Standard O-Ring is Buna-N rubber. High Temp/Food Grad Silicon also available.										
Dia.	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"	24"
Base#	ROR14	ROR15	ROR16	ROR17	ROR18	ROR19	ROR20	ROR21	ROR22	ROR23	ROR24
Options	Standard O-Ring is Buna-N rubber. High Temp/Food Grad Silicon also available.										



THE CLAMP PULLS THE ENDS TOGETHER AND ENVELOPS THEM INSIDE THE SEALING GASKET. LEARN MORE AT [US-DUCT.COM](https://us-duct.com)

CALL FOR PRICING

ROLLED-LIP ELBOWS

ROLLED-LIP STANDARD RADIUS (1.5 X D) ELBOWS

Stitch-Welded Elbow



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"
90 deg	RESS0390	RESS0490	RESS0590	RESS0690	RESS0790	RESS0890	RESS0990	RESS1090	RESS1290
60 deg	RESS0360	RESS0460	RESS0560	RESS0660	RESS0760	RESS0860	RESS0960	RESS1060	RESS1260
45 deg	RESS0345	RESS0445	RESS0545	RESS0645	RESS0745	RESS0845	RESS0945	RESS1045	RESS1245
30 deg	RESS0330	RESS0430	RESS0530	RESS0630	RESS0730	RESS0830	RESS0930	RESS1030	RESS1230
Ga.	22	22	22	22	22	22	22	22	22

Options

Available in Galvanized

Tubed Elbow



Dia.	3"	4"	5"	6"	8"
90 deg	RETS0390	RETS0490	RETS0590	RETS0690	RETS0890
60 deg	RETS0360	RETS0460	RETS0560	RETS0660	RETS0860
45 deg	RETS0345	RETS0445	RETS0545	RETS0645	RETS0845
30 deg	RETS0330	RETS0430	RETS0530	RETS0630	RETS0830
Ga.	16+	16+	14	14	14

Options

Available in Galvanized and SS

Gore-Locked Elbow



Dia.	7"	8"	9"	10"	11"	12"	13"	14"
90 deg	REGS0790	REGS0890	REGS0990	REGS1090	REGS1190	REGS1290	REGS1390	REGS1490
60 deg	REGS0760	REGS0860	REGS0960	REGS1060	REGS1160	REGS1260	REGS1360	REGS1460
45 deg	REGS0745	REGS0845	REGS0945	REGS1045	REGS1145	REGS1245	REGS1345	REGS1445
30 deg	REGS0730	REGS0830	REGS0930	REGS1030	REGS1130	REGS1230	REGS1330	REGS1430
Ga.	20	20	20	20	18	18	18	18
Dia.	15"	16"	17"	18"	19"	20"	22"	24"
90 deg	REGS1590	REGS1690	REGS1790	REGS1890	REGS1990	REGS2090	REGS2290	REGS2490
60 deg	REGS1560	REGS1660	REGS1760	REGS1860	REGS1960	REGS2060	REGS2260	REGS2460
45 deg	REGS1545	REGS1645	REGS1745	REGS1845	REGS1945	REGS2045	REGS2245	REGS2445
30 deg	REGS1530	REGS1630	REGS1730	REGS1830	REGS1930	REGS2030	REGS2230	REGS2430
Ga.	18	18	18	18	18	18	18	18

Options

Available in Galvanized and SS



US Duct provides duct elbows that fit **EVERY** application, from our standard segmented/gored elbows to one-piece light gauge economical elbows for light dust collection to airtight elbows for wet applications to heavy gauge welded elbows for abrasive applications to flat-back elbows with removable/replaceable AR plates for 'very' abrasive applications. Our standard duct elbow radii are 1.5 and 2.5 x D, but we can make any radii needed.

Gore-locked elbows are made of segments that are joined mechanically or by welding. **Stitch-welded elbows** are galvanized metal elbows stamped out using mechanical presses to form dies. **Tubed duct Elbows** are an excellent choice for paper trim and oil mist applications because they have no seams. Instead, these elbows are mechanically bent, resulting in a non-seamed tubing that can be fitted with a rolled-lipped collar or an angle ring flange.

ROLLED-LIP ELBOWS

ROLLED-LIP STANDARD RADIUS (1 X D & 2.5 X D) ELBOWS

Stitch-Welded

ROLLED-LIP SHORT
RADIUS (1 X D) ELBOWS

Options: Available
in Galvanized

Dia.	3"	4"	5"	6"	7"	8"	9"	10"
90 deg	RES0390	RES0490	RES0590	RES0690	RES0790	RES0890	RES0990	RES1090
60 deg	RES0360	RES0460	RES0560	RES0660	RES0760	RES0860	RES0960	RES1060
45 deg	RES0345	RES0445	RES0545	RES0645	RES0745	RES0845	RES0945	RES1045
30 deg	RES0330	RES0430	RES0530	RES0630	RES0730	RES0830	RES0930	RES1030
Ga.	22	22	22	22	22	22	22	22
Options	Available in Galvanized							

Tubed

ROLLED LIP LONG
RADIUS (2.5XD) ELBOWS

Options: Available in
Galvanized and SS

Dia.	3"	4"	5"	6"	8"
90 deg	RETL0390	RETL0490	RETL0590	RETL0690	RETL0890
60 deg	RETL0360	RETL0460	RETL0560	RETL0660	RETL0860
45 deg	RETL0345	RETL0445	RETL0545	RETL0645	RETL0845
30 deg	RETL0330	RETL0430	RETL0530	RETL0630	RETL0830
Ga.	16+	16+	14	14	14
Options	Available in Galvanized and SS				

Gore-Locked

ROLLED-LIP SHORT RADIUS
(1 X D) ELBOWS

Options: Available in
Galvanized and SS

Dia.	8"	9"	10"	11"	12"	13"	14"	15"
90 deg	REGD0890	REGD0990	REGD1090	REGD1190	REGD1290	REGD1390	REGD1490	REGD1590
60 deg	REGD0860	REGD0960	REGD1060	REGD1160	REGD1260	REGD1360	REGD1460	REGD1560
45 deg	REGD0845	REGD0945	REGD1045	REGD1145	REGD1245	REGD1345	REGD1445	REGD1545
30 deg	REGD0830	REGD0930	REGD1030	REGD1130	REGD1230	REGD1330	REGD1430	REGD1530
Ga.	20	20	20	18	18	18	18	18
Dia.	16"	17"	18"	19"	20"	22"	24"	>24
90 deg	REGD1690	REGD1790	REGD1890	REGD1990	REGD2090	REGD2290	REGD2490	LARGER THAN 24" AVAILABLE IN FLANGED- CALL
60 deg	REGD1660	REGD1760	REGD1860	REGD1960	REGD2060	REGD2260	REGD2460	
45 deg	REGD1645	REGD1745	REGD1845	REGD1945	REGD2045	REGD2245	REGD2445	
30 deg	REGD1630	REGD1730	REGD1830	REGD1930	REGD2030	REGD2230	REGD2430	
Ga.	18	18	18	18	18	18	18	

Gore Locked

ROLLED-LIP LONG RADIUS
(2.5XD) ELBOWS

Options: Available in
Galvanized and SS

Dia.	7"	8"	9"	10"	11"	12"	13"	14"
90 deg	REGL0790	REGL0890	REGL0990	REGL1090	REGL1190	REGL1290	REGL1390	REGL1490
60 deg	REGL0760	REGL0860	REGL0960	REGL1060	REGL1160	REGL1260	REGL1360	REGL1460
45 deg	REGL0745	REGL0845	REGL0945	REGL1045	REGL1145	REGL1245	REGL1345	REGL1445
30 deg	REGL0730	REGL0830	REGL0930	REGL1030	REGL1130	REGL1230	REGL1330	REGL1430
Ga.	20	20	20	20	18	18	18	18
Dia.	15"	16"	17"	18"	19"	20"	22"	24"
90 deg	REGL1590	REGL1690	REGL1790	REGL1890	REGL1990	REGL2090	REGL2290	REGL2490
60 deg	REGL1560	REGL1660	REGL1760	REGL1860	REGL1960	REGL2060	REGL2260	REGL2460
45 deg	REGL1545	REGL1645	REGL1745	REGL1845	REGL1945	REGL2045	REGL2245	REGL2445
30 deg	REGL1530	REGL1630	REGL1730	REGL1830	REGL1930	REGL2030	REGL2230	REGL2430
Ga.	18	18	18	18	18	18	18	18

BRANCHES

KNOWN AS BRANCHES, PANTS, AND/OR WYE-BRANCHES, THEY ALL PROVIDE A 'LEG' COMING OFF THE MAIN LINE. ALL OF OUR BRANCHES ARE AVAILABLE IN ALL THREE CONNECTION TYPES, WHETHER IT BE ROLLED LIP, FLANGE, OR TUBING.

Typically, Single and Double Branches taper as the new line enters the main line. This is because the new line is bringing in more air. The exiting part of the branch (toward the fan) is therefore bigger to accommodate the increase in air. The new line typically enters at 30 or 45 degrees so as to 'merge' into the air flow.



Y's are exactly that—Y's with the two inlets diverging from the center line. Once again, the volume of the outlet is the sum of the two inlets. Typically, the two inlets are the same size. If one needs to be smaller than the other, the branch is made with the two inlets equal to the largest requirement and then a reducer is used to reduce to the smaller requirement.



In-cuts are used to create a branch on an existing trunk line. To create a new branch with an in-cut, a hole is cut in the pipe at the location of the branch. The in-cut is saddled over the hole and fastened with tech screws and caulked.

All US Duct branches are 18 gauge or heavier. This enables us to weld the branching part to the trunk and ensure a very tight seal.



Part Numbering for Branches

	Prefix		Measurement		Material
Branch Type	Type (R/F/T)	Branch Type	Dia.	Deg.	(G/S)
Single Branch	(R/F/T)	BL	XX	XX	(G/S)
Double Branch	(R/F/T)	BD	XX	XX	(G/S)
Wye-Branch	(R/F/T)	BY	XX	XX	(G/S)
In-Cut	(R/F/T)	BN	XX	XX	(G/S)

For example - a 24" Rolled-Lip Double Branch at 45 deg and in Galvanized would be RBD2445.G18

BRANCHES

Single Branch

Base# (xx=deg) (30-45-90)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	BL033	BL043	BL053	BL063	BL073	BL083	BL093	BL103	BL113	BL123
Ga.	18	18	18	18	18	18	18	18	18	18
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	BL133	BL143	BL153	BL163	BL173	BL183	BL193	BL203	BL223	BL243
Ga.	18	18	18	18	18	18	18	18	18	18
Options	Available in Galvanized and SS									

Double Branch

Base# (xx=deg) (30-45-90)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	BD033	BD043	BD053	BD063	BD073	BD083	BD093	BD103	BD113	BD123
Ga.	18	18	18	18	18	18	18	18	18	18
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	BD133	BD143	BD153	BD163	BD173	BD183	BD193	BD203	BD223	BD243
Ga.	18	18	18	18	18	18	18	18	18	18
Options	Available in Galvanized and SS									

Y-Branch

Base# (xx=deg) (30-45)



Dia.		4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#		BY043	BY053	BY063	BY073	BY083	BY093	BY103	BY113	BY123
Ga.		18	18	18	18	18	18	18	18	18
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	BY133	BY143	BY153	BY163	BY173	BY183	BY193	BY203	BY223	BY243
Ga.	18	18	18	18	18	18	18	18	18	18
Options	Available in Galvanized and SS									

In-Cuts

Base# (xx=deg) (30-45)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	BN033	BN043	BN053	BN063	BN073	BN083	BN093	BN103	BN113	BN123
Ga.	18	18	18	18	18	18	18	18	18	18
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	BN133	BN143	BN153	BN163	BN173	BN183	BN193	BN203	BN223	BN243
Ga.	18	18	18	18	18	18	18	18	18	18
Options	Available in Galvanized and SS									

Reducers

Base# (xx=deg)(30-45)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RR03	RR04	RR05	RR06	RR07	RR08	RR09	RR10	RR11	RR12
Ga.	22	22	20	20	18	18	18	18	18	18
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RR13	RR14	RR15	RR16	RR17	RR18	RR19	RR20	RR22	RR24
Ga.	18	18	18	18	18	18	18	18	18	18
Options	Available in Galvanized and SS									

GATES

US Duct offers a full and varied line of gates for industrial duct work and custom applications. US Duct gates—commonly called cut-offs and blast gates—serve a variety of purposes. From added safety to decreased operations costs, gates are an essential part of any dust collection or industrial duct system. Full gates, half gates, blast gates, and auto gates are all available from US Duct.

Full Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RCO03	RCO04	RCO05	RCO06	RCO07	RCO08	RCO09	RCO10	RCO11	RCO12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RCO13	RCO14	RCO15	RCO16	RCO17	RCO18	RCO19	RCO20	RCO22	RCO24

Options

Available in Galvanized and SS

Half Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RCOH03	RCOH04	RCOH05	RCOH06	RCOH07	RCOH08	RCOH09	RCOH10	RCOH11	RCOH12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#		RCOH14		RCOH16		RCOH18				

Options

Available in Galvanized and SS

Blast Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RBG03	RBG04	RBG05	RBG06	RBG07	RBG08	RBG09	RBG10	RBG11	RBG12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RBG13	RBG14	RBG15	RBG16	RBG17	RBG18	RBG19	RBG20	RBG22	RBG24

Options

Available in Galvanized and SS

Auto Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RACO03	RACO04	RACO05	RACO06	RACO07	RACO08	RACO09	RACO10	RACO11	RACO12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RACO13	RACO14	RACO15	RACO16	RACO17	RACO18	RACO19	RACO20	RACO22	RACO24

Options

Available in Galvanized and SS

Butterfly Valves (Manual)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RBF03	RBF04	RBF05	RBF06	RBF07	RBF08	RBF09	RBF10	RBF11	RBF12
Ga.	24+	24+	24+	24+	22	22	22	22	22	22
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RBF13	RBF14	RBF15	RBF16	RBF17	RBF18	RBF19	RBF20	RBF22	RBF24
Ga.	20	20	20	20	20	20	20	20	20	18
Options	Available in Galvanized and SS									

Butterfly Valves (Automatic)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RBFA03	RBFA04	RBFA05	RBFA06	RBFA07	RBFA08	RBFA09	RBFA10	RBFA11	RBFA12
Ga.	24+	24+	24+	24+	22	22	22	22	22	22
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RBFA13	RBFA14	RBFA15	RBFA16	RBFA17	RBFA18	RBFA19	RBFA20	RBFA22	RBFA24
Ga.	20	20	20	20	20	20	20	20	20	18
Options	Available in Galvanized and SS									

VANSTONE EDGE LASER-WELDED CLAMP-TOGETHER DUCT



**US TUBING, OUR AIRTIGHT,
LEAK-FREE CLAMP CONNECTION
PRODUCT IS THE ULTIMATE SEAL®**



VANSTONE EDGE LASER-WELDED CLAMP-TOGETHER

US Tubing, our airtight Clamp-Together System, is a modular, laser-welded, clamp-and-gasket joining system that is guaranteed to be leak-free. Each component terminates in a Vanstone edge (a 5/16" turned out lip) that allows it to be joined to the next piece using a fully encompassing sealing gasket and high-strength clamp. An adjustable sleeve pipe allows for infinite adjustments in the field. The components (pipe, branches, elbows, etc.) are offered in 'light' and 'heavy' standard gauges ranging from 22-18.

CLAMP



Dia.	3"	4"	5"	6"	7"	8"
Base#	TCLOC03	TCLOC04	TCLOC05	TCLOC06	TCLOC07	TCLOC08

Options

Available in Galvanized and SS

Dia.	9"	10"	12"	14"	16"	18"
Base#	TCLOC09	TCLOC10	TCLOC12	TCLOC14	TCLOC16	TCLOC18

Options

Available in Galvanized and SS

Adjustable Sleeve w/ O-ring



Dia.	4"	5"	6"	7"	8"	9"
Base#	TLAS04	TLAS05	TLAS06	TLAS07	TLAS08	TLAS09

Options

Available in Galvanized and SS

Dia.	10"	12"	14"	16"	18"	
Base#	TLAS10	TLAS12	TLAS14	TLAS16	TLAS18	

Options

Available in Galvanized and SS

Tubing Lite

Tubing Heavy

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TL03	TL04	TL05	TL06	TL07	TL08	TL09	TL10	TL12	TL14	TL16	TL18
Ga.	16	22	22	22	20,22	20,22	20,22	20,22	20,22	20,22	20,22	20,22

Options

Available in Galvanized and SS

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TH03	TH04	TH05	TH06	TH07	TH08	TH09	TH10	TH12	TH14	TH16	TH18
Ga.	16	16	14	14	18	16	16	16	16	16	16	16

Options

Available in Galvanized and SS

Gaskets for Lite Tubing

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
EPDM	TGLEPDM03	TGLEPDM04	TGLEPDM05	TGLEPDM06	TGLEPDM07	TGLEPDM08	TGLEPDM09	TGLEPDM10	TGLEPDM12	TGLEPDM14	TGLEPDM16	TGLEPDM18
Silicon	TGLS03	TGLS04	TGLS05	TGLS06	TGLS07	TGLS08	TGLS09	TGLS10	TGLS12	TGLS14	TGLS16	TGLS18
Viton	TGLV03	TGLV04	TGLV05	TGLV06	TGLV07	TGLV08	TGLV09	TGLV10	TGLV12	TGLV14	TGLV16	TGLV18

Gaskets for Heavy Gauge Tubing

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
EPDM	TGHEPDM03	TGHEPDM04	TGHEPDM05	TGHEPDM06	TGHEPDM07	TGHEPDM08	TGHEPDM09	TGHEPDM10	TGHEPDM12	TGHEPDM14	TGHEPDM16	TGHEPDM18
Silicon	TGHS03	TGHS04	TGHS05	TGHS06	TGHS07	TGHS08	TGHS09	TGHS10	TGHS12	TGHS14	TGHS16	TGHS18
Viton	TGHV03	TGHV04	TGHV05	TGHV06	TGHV07	TGHV08	TGHV09	TGHV10	TGHV12	TGHV14	TGHV16	TGHV18

TUBING ELBOWS – LITE



Segmented Clamp-Connect Elbow



Stitch-Welded Clamp-Connect Elbow



Clamp-Connect Tube Elbow

TUBING (LITE) 1XD ELBOWS

Dia.	4"	5"	6"	7"	8"	9"	10"	12"
90 deg	TLESD0490	TLESD0590	TLESD0690	TLESD0790	TLESD0890	TLESD0990	TLESD1090	TLESD1290
60 deg	TLESD0460	TLESD0560	TLESD0660	TLESD0760	TLESD0860	TLESD0960	TLESD1060	TLESD1260
45 deg	TLESD0445	TLESD0545	TLESD0645	TLESD0745	TLESD0845	TLESD0945	TLESD1045	TLESD1245
30 deg	TLESD0430	TLESD0530	TLESD0630	TLESD0730	TLESD0830	TLESD0930	TLESD1030	TLESD1230
Ga.	22	22	22	22	22	22	22	22
Options Available in Galvanized								
Dia.	7"	8"	9"	10"	12"	14"	16"	18"
90 deg	TLEGD0790	TLEGD0890	TLEGD0990	TLEGD1090	TLEGD1290	TLEGD1490	TLEGD1690	TLEGD1890
60 deg	TLEGD0760	TLEGD0860	TLEGD0960	TLEGD1060	TLEGD1260	TLEGD1460	TLEGD1660	TLEGD1860
45 deg	TLEGD0745	TLEGD0845	TLEGD0945	TLEGD1045	TLEGD1245	TLEGD1445	TLEGD1645	TLEGD1845
30 deg	TLEGD0730	TLEGD0830	TLEGD0930	TLEGD1030	TLEGD1230	TLEGD1430	TLEGD1630	TLEGD1830
Ga.	20	20	20	20	18	18	18	18
Options Available in Galvanized and SS								



US Duct provides US Tubing elbows that fit applications requiring airtight elbows for wet, food, and positive pressure applications. Our standard duct elbow radii are 1.5 and 2.5 x D, but we can make any radii needed sized 7" and up.

Segmented tubing elbows are joined by gored locking and caulked or welded. US Duct has a complete line of segmented elbows in all gauges and radii, and galvanized, stainless steel, and carbon steel forms.

Stitch-welded elbows, or "stitched halves", are galvanized metal elbows that are stamped out using mechanical presses and forming dies, resulting in a very tight elbow. The stamping process does limit the gauges that can be used with this kind of elbow, so when using larger sizes, the application should be limited to light dust or air.

Tubed duct elbows are an excellent choice for paper trim and oil mist applications because they have no seam. Instead, these galvanized or stainless steel elbows are mechanically bent,

TUBING ELBOWS – LITE

Stitch-Welded Tubing (Lite) 1.5xD Elbows

Dia.	4"	5"	6"	7"	8"	9"	10"	12"
90 deg	TLESS0490	TLESS0590	TLESS0690	TLESS0790	TLESS0890	TLESS0990	TLESS1090	TLESS1290
60 deg	TLESS0460	TLESS0560	TLESS0660	TLESS0760	TLESS0860	TLESS0960	TLESS1060	TLESS1260
45 deg	TLESS0445	TLESS0545	TLESS0645	TLESS0745	TLESS0845	TLESS0945	TLESS1045	TLESS1245
30 deg	TLESS0430	TLESS0530	TLESS0630	TLESS0730	TLESS0830	TLESS0930	TLESS1030	TLESS1230
Ga.	22	22	22	22	22	22	22	22

Options

Available in Galvanized

Tubed Tubing (Lite) 1.5xD Elbows

Tubed Tubing (Lite) 2.5xD Elbows

Dia.	4"	5"	6"	8"	4"	5"	6"	8"
90 deg	TLETS0490	TLETS0590	TLETS0690	TLETS0890	TLETL0490	TLETL0590	TLETL0690	TLETL0890
60 deg	TLETS0460	TLETS0560	TLETS0660	TLETS0860	TLETL0460	TLETL0560	TLETL0660	TLETL0860
45 deg	TLETS0445	TLETS0545	TLETS0645	TLETS0845	TLETL0445	TLETL0545	TLETL0645	TLETL0845
30 deg	TLETS0430	TLETS0530	TLETS0630	TLETS0830	TLETL0430	TLETL0530	TLETL0630	TLETL0830
Ga.	16	14	14	14	16	14	14	14

Options

Available in Galvanized and SS

Gore-Locked Tubing (Lite) 1.5xD Elbows

Dia.	7"	8"	9"	10"	12"	14"	16"	18"
90 deg	TLEGS0790	TLEGS0890	TLEGS0990	TLEGS1090	TLEGS1290	TLEGS1490	TLEGS1690	TLEGS1890
60 deg	TLEGS0760	TLEGS0860	TLEGS0960	TLEGS1060	TLEGS1260	TLEGS1460	TLEGS1660	TLEGS1860
45 deg	TLEGS0745	TLEGS0845	TLEGS0945	TLEGS1045	TLEGS1245	TLEGS1445	TLEGS1645	TLEGS1845
30 deg	TLEGS0730	TLEGS0830	TLEGS0930	TLEGS1030	TLEGS1230	TLEGS1430	TLEGS1630	TLEGS1830
Ga.	20	20	20	20	20	18	18	18

Options

Available in Galvanized and SS

Gore-Locked Tubing (Lite) 2.5xD Elbows

Dia.	7"	8"	9"	10"	12"	14"	16"	18"
90 deg	TLEGL0790	TLEGL0890	TLEGL0990	TLEGL1090	TLEGL1290	TLEGL1490	TLEGL1690	TLEGL1890
60 deg	TLEGL0760	TLEGL0860	TLEGL0960	TLEGL1060	TLEGL1260	TLEGL1460	TLEGL1660	TLEGL1860
45 deg	TLEGL0745	TLEGL0845	TLEGL0945	TLEGL1045	TLEGL1245	TLEGL1445	TLEGL1645	TLEGL1845
30 deg	TLEGL0730	TLEGL0830	TLEGL0930	TLEGL1030	TLEGL1230	TLEGL1430	TLEGL1630	TLEGL1830
Ga.	20	20	20	20	20	18	18	18

Options

Available in Galvanized and SS

TUBING ELBOWS – HEAVY

Gore-Locked Tubing (Hvy) 1xD

Dia.	7"	8"	9"	10"	12"	14"	16"	18"
90 deg	THEGD0790	THEGD0890	THEGD0990	THEGD1090	THEGD1290	THEGD1490	THEGD1690	THEGD1890
60 deg	THEGD0760	THEGD0860	THEGD0960	THEGD1060	THEGD1260	THEGD1460	THEGD1660	THEGD1860
45 deg	THEGD0745	THEGD0845	THEGD0945	THEGD1045	THEGD1245	THEGD1445	THEGD1645	THEGD1845
30 deg	THEGD0730	THEGD0830	THEGD0930	THEGD1030	THEGD1230	THEGD1430	THEGD1630	THEGD1830
Ga.	18	18	18	18	18	18	18	18

Options

Available in Galvanized and SS

Tubed Tubing (Hvy) 1.5xD

Tubed Tubing (Hvy) 2.5xD

Dia.	4"	5"	6"	8"	4"	5"	6"	8"
90 deg	THETS0490	THETS0590	THETS0690	THETS0890	THETL0490	THETL0590	THETL0690	THETL0890
60 deg	THETS0460	THETS0560	THETS0660	THETS0860	THETL0460	THETL0560	THETL0660	THETL0860
45 deg	THETS0445	THETS0545	THETS0645	THETS0845	THETL0445	THETL0545	THETL0645	THETL0845
30 deg	THETS0430	THETS0530	THETS0630	THETS0830	THETL0430	THETL0530	THETL0630	THETL0830
Ga.	18	18	18	18	16	14	14	14

Options

Available in Galvanized and SS

Gore-Locked Tubing (Hvy) 1.5xD

Dia.	7"	8"	9"	10"	12"	14"	16"	18"
90 deg	THEGS0790	THEGS0890	THEGS0990	THEGS1090	THEGS1290	THEGS1490	THEGS1690	THEGS1890
60 deg	THEGS0760	THEGS0860	THEGS0960	THEGS1060	THEGS1260	THEGS1460	THEGS1660	THEGS1860
45 deg	THEGS0745	THEGS0845	THEGS0945	THEGS1045	THEGS1245	THEGS1445	THEGS1645	THEGS1845
30 deg	THEGS0730	THEGS0830	THEGS0930	THEGS1030	THEGS1230	THEGS1430	THEGS1630	THEGS1830
Ga.	18	18	18	18	18	18	18	18

Options

Available in Galvanized and SS

Gore-Locked Tubing (Hvy) 2.5xD

Dia.	7"	8"	9"	10"	12"	14"	16"	18"
90 deg	THEGL0790	THEGL0890	THEGL0990	THEGL1090	THEGL1290	THEGL1490	THEGL1690	THEGL1890
60 deg	THEGL0760	THEGL0860	THEGL0960	THEGL1060	THEGL1260	THEGL1460	THEGL1660	THEGL1860
45 deg	THEGL0745	THEGL0845	THEGL0945	THEGL1045	THEGL1245	THEGL1445	THEGL1645	THEGL1845
30 deg	THEGL0730	THEGL0830	THEGL0930	THEGL1030	THEGL1230	THEGL1430	THEGL1630	THEGL1830
Ga.	18	18	18	18	18	18	18	18

Options

Available in Galvanized and SS

TUBING LITE/HEAVY BRANCHES

Single Branch

Base# (xx=deg)(30-45-90)
Available in Galvanized and SS



Lite

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TLBL03	TLBL04	TLBL05	TLBL06	TLBL07	TLBL08	TLBL09	TLBL10	TLBL12	TLBL14	TLBL16	TLBL18
Ga.	18	18	18	18	18	18	18	18	18	18	18	18

Heavy

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	THBL03	THBL04	THBL05	THBL06	THBL07	THBL08	THBL09	THBL10	THBL12	THBL14	THBL16	THBL18
Ga.	16	16	16	16	16	16	16	16	16	16	16	16

Double Branch

Base# (xx=deg)(30-45-90)
Available in Galvanized and SS



Lite

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TLBD03	TLBD04	TLBD05	TLBD06	TLBD07	TLBD08	TLBD09	TLBD10	TLBD12	TLBD14	TLBD16	TLBD18
Ga.	18	18	18	18	18	18	18	18	18	18	18	18

Heavy

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	THBD03	THBD04	THBD05	THBD06	THBD07	THBD08	THBD09	THBD10	THBD12	THBD14	THBD16	THBD18
Ga.	16	16	16	16	16	16	16	16	16	16	16	16

Wye Branch

Base# (xx=deg)(30-45)
Available in Galvanized and SS



Lite

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TLBY03	TLBY04	TLBY05	TLBY06	TLBY07	TLBY08	TLBY09	TLBY10	TLBY12	TLBY14	TLBY16	TLBY18
Ga.	18	18	18	18	18	18	18	18	18	18	18	18

Heavy

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	THBY03	THBY04	THBY05	THBY06	THBY07	THBY08	THBY09	THBY10	THBY12	THBY14	THBY16	THBY18
Ga.	16	16	16	16	16	16	16	16	16	16	16	16

In-Cuts

Base# (xx=deg)(30-45)
Available in Galvanized and SS



Lite

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TLBN03	TLBN04	TLBN05	TLBN06	TLBN07	TLBN08	TLBN09	TLBN10	TLBN12	TLBN14	TLBN16	TLBN18
Ga.	18	18	18	18	18	18	18	18	18	18	18	18

Heavy

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	THBN03	THBN04	THBN05	THBN06	THBN07	THBN08	THBN09	THBN10	THBN12	THBN14	THBN16	THBN18
Ga.	16	16	16	16	16	16	16	16	16	16	16	16

Reducers

Base# (xx=deg)(30-45)
Available in Galvanized and SS



Lite

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	TLR03	TLR04	TLR05	TLR06	TLR07	TLR08	TLR09	TLR10	TLR12	TLR14	TLR16	TLR18
Ga.	22	20	20	20	18	18	18	18	18	18	18	18

Heavy

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Base#	THR03	THR04	THR05	THR06	THR07	THR08	THR09	THR10	THR12	THR14	THR16	THR18
Ga.	18	18	18	16	16	16	16	16	16	16	16	16

FLANGE DUCT SPECIFICATIONS

FLANGES CAN BE LOOSE (VANSTONED) OR WELDED TO THE PIPE/COMPONENTS, DEPENDING ON YOUR NEEDS!

US Duct provides duct with flanges (angle rings) in black iron, galvanized, or SS and with or without holes. The duct to which these flanges are attached is available in sizes 3" and up, and also in black iron, galvanized, or SS. Construction methods range from laser-seamed pipe and mechanically locked elbows in lighter gauges to a fully welded products in heavy gauges (even up to 1/4"), all depending upon the requirements of your application.



DUCT WITH FLANGES

Flanged Duct *



Laserseamed—Call for Heavy Gauge

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	FP03	FP04	FP05	FP06	FP07	FP08	FP09	FP10	FP11	FP12
Options	Available in Galvanized and SS									
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	FP13	FP14	FP15	FP16	FP17	FP18	FP19	FP20	FP22	FP24
Options	Available in Galvanized and SS									

Welded Seam

Dia.	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"	50"
Base#	FP26	FP28	FP30	FP32	FP34	FP36	FP38	FP40	FP42	FP44	FP46	FP48	FP50
Options Available in Galvanized and SS													
Dia.	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"	
Base#	FP50	FP52	FP54	FP56	FP58	FP60	FP62	FP64	FP66	FP68	FP70	FP72	
Options Available in Galvanized and SS													

Flanges/Angle I2:047Rings



Hot-Dipped

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"
Base#	FL03	FL04	FL05	FL06	FL07	FL08	FL09	FL10	FL11	FL12	FL13	FL14	FL15	FL16
Options	Available in Black Iron, Galvanized, and SS													
Dia.	17"	18"	19"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"
Base#	FL17	FL18	FL19	FL20	FL22	FL24	FL26	FL28	FL30	FL32	FL34	FL36	FL38	FL40
Options	Available in Black Iron, Galvanized, and SS													

Painted Galv

Dia.	42"	44"	46"	48"	50"	52"	54"	56"
Base#	FL42	FL44	FL46	FL48	FL50	FL52	FL54	FL56
Options	Available in Black Iron, Galvanized, and SS							
Dia.	58"	60"	62"	64"	66"	68"	70"	72"
Base#	FL58	FL60	FL62	FL64	FL66	FL68	FL70	FL72
Options	Available in Black Iron, Galvanized, and SS							

FLANGED ELBOWS

FLANGED STANDARD RADIUS (1.5XD) ELBOWS

Stitch-Welded Elbow

Available in Galvanized

Dia.	3"	4"	5"	6"	7"	8"	9"	10"	12"
90 deg	FESS0390	FESS0490	FESS0590	FESS0690	FESS0790	FESS0890	FESS0990	FESS1090	FESS1290
60 deg	FESS0360	FESS0460	FESS0560	FESS0660	FESS0760	FESS0860	FESS0960	FESS1060	FESS1260
45 deg	FESS0345	FESS0445	FESS0545	FESS0645	FESS0745	FESS0845	FESS0945	FESS1045	FESS1245
30 deg	FESS0330	FESS0430	FESS0530	FESS0630	FESS0730	FESS0830	FESS0930	FESS1030	FESS1230
Ga.	22	22	22	22	22	22	22	22	22

Tubed

Available in Galvanized and SS

Dia.	3"	4"	5"	6"	8"
90 deg	FETS0390	FETS0490	FETS0590	FETS0690	FETS0890
60 deg	FETS0360	FETS0460	FETS0560	FETS0660	FETS0860
45 deg	FETS0345	FETS0445	FETS0545	FETS0645	FETS0845
30 deg	FETS0330	FETS0430	FETS0530	FETS0630	FETS0830
Ga.	16T	16T	14T	14T	14T

Gore-Locked

Available in Galvanized and SS

Dia.	7"	8"	9"	10"	11"	12"	13"	14"
90 deg	FEGS0790	FEGS0890	FEGS0990	FEGS1090	FEGS1190	FEGS1290	FEGS1390	FEGS1490
60 deg	FEGS0760	FEGS0860	FEGS0960	FEGS1060	FEGS1160	FEGS1260	FEGS1360	FEGS1460
45 deg	FEGS0745	FEGS0845	FEGS0945	FEGS1045	FEGS1145	FEGS1245	FEGS1345	FEGS1445
30 deg	FEGS0730	FEGS0830	FEGS0930	FEGS1030	FEGS1130	FEGS1230	FEGS1330	FEGS1430
Ga.	20	20	20	20	20	20	18	18
Dia.	15"	16"	17"	18"	19"	20"	22"	24"
90 deg	FEGS1590	FEGS1690	FEGS1790	FEGS1890	FEGS1990	FEGS2090	FEGS2290	FEGS2490
60 deg	FEGS1560	FEGS1660	FEGS1760	FEGS1860	FEGS1960	FEGS2060	FEGS2260	FEGS2460
45 deg	FEGS1545	FEGS1645	FEGS1745	FEGS1845	FEGS1945	FEGS2045	FEGS2245	FEGS2445
30 deg	FEGS1530	FEGS1630	FEGS1730	FEGS1830	FEGS1930	FEGS2030	FEGS2230	FEGS2430
Ga.	18	18	18	18	18	18	18	18

Welded

Dia.	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
90 deg	FEGS2690	FEGS2890	FEGS3090	FEGS3290	FEGS3490	FEGS3690	FEGS3890	FEGS4090	FEGS4290	FEGS4490	FEGS4690	FEGS4890
60 deg	FEGS2660	FEGS2860	FEGS3060	FEGS3260	FEGS3460	FEGS3660	FEGS3860	FEGS4060	FEGS4260	FEGS4460	FEGS4660	FEGS4860
45 deg	FEGS2645	FEGS2845	FEGS3045	FEGS3245	FEGS3445	FEGS3645	FEGS3845	FEGS3945	FEGS4045	FEGS4445	FEGS4645	FEGS4845
30 deg	FEGS2630	FEGS2830	FEGS3030	FEGS3230	FEGS3430	FEGS3630	FEGS3830	FEGS4030	FEGS4230	FEGS4430	FEGS4630	FEGS4830
Ga.	16	16	16	16	16	16	16	16	16	16	16	16

Options

Available in Galvanized and SS

Dia.	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"
90 deg	FEGS5090	FEGS5290	FEGS5490	FEGS5690	FEGS5890	FEGS6090	FEGS6290	FEGS6490	FEGS6690	FEGS6890	FEGS7090	FEGS7290
60 deg	FEGS5060	FEGS5260	FEGS5460	FEGS5660	FEGS5860	FEGS6060	FEGS6260	FEGS6460	FEGS6660	FEGS6860	FEGS7060	FEGS7260
45 deg	FEGS5045	FEGS5245	FEGS5445	FEGS5645	FEGS5845	FEGS6045	FEGS6245	FEGS6445	FEGS6645	FEGS6845	FEGS7045	FEGS7245
30 deg	FEGS5030	FEGS5230	FEGS5430	FEGS5630	FEGS5830	FEGS6030	FEGS6230	FEGS6430	FEGS6630	FEGS6830	FEGS7030	FEGS7230
Ga.	14	14	14	14	14	14	14	14	14	14	14	14

Options

Available in Galvanized and SS

FLANGED ELBOWS

FLANGED LONG RADIUS (2.5XD) ELBOWS

Tubed

Available in Galvanized and SS

Dia.	3"	4"	5"	6"	8"
90 deg	FETL0390	FETL0490	FETL0590	FETL0690	FETL0890
60 deg	FETL0360	FETL0460	FETL0560	FETL0660	FETL0860
45 deg	FETL0345	FETL0445	FETL0545	FETL0645	FETL0845
30 deg	FETL0330	FETL0430	FETL0530	FETL0630	FETL0830
Ga.	16T	16T	14T	14T	14T

Gore-Locked

Available in Galvanized and SS

Dia.	7"	8"	9"	10"	11"	12"	13"	14"	15"	
90 deg	FEGL0790	FEGL0890	FEGL0990	FEGL1090	FEGL1190	FEGL1290	FEGL1390	FEGL1490	FEGL1590	
60 deg	FEGL0760	FEGL0860	FEGL0960	FEGL1060	FEGL1160	FEGL1260	FEGL1360	FEGL1460	FEGL1560	
45 deg	FEGL0745	FEGL0845	FEGL0945	FEGL1045	FEGL1145	FEGL1245	FEGL1345	FEGL1445	FEGL1545	
30 deg	FEGL0730	FEGL0830	FEGL0930	FEGL1030	FEGL1130	FEGL1230	FEGL1330	FEGL1430	FEGL1530	
Ga.	20	20	20	20	20	20	18	18	18	
Dia.	16"	17"	18"	19"	20"	21"	22"	23"	24"	25"
90 deg	FEGL1690	FEGL1790	FEGL1890	FEGL1990	FEGL2090	FEGL2190	FEGL2290	FEGL2390	FEGL2490	FEGL2590
60 deg	FEGL1660	FEGL1760	FEGL1860	FEGL1960	FEGL2060	FEGL2160	FEGL2260	FEGL2360	FEGL2460	FEGL2560
45 deg	FEGL1645	FEGL1745	FEGL1845	FEGL1945	FEGL2045	FEGL2145	FEGL2245	FEGL2345	FEGL2445	FEGL2545
30 deg	FEGL1630	FEGL1730	FEGL1830	FEGL1930	FEGL2030	FEGL2130	FEGL2230	FEGL2330	FEGL2430	FEGL2530
Ga.	18	18	18	18	18	18	18	18	18	18

Welded Gores

Available in Galvanized and SS

Dia.	26"	27"	28"	29"	30"	31"	32"	33"	34"	35"	36"
90 deg	FEGL2690	FEGL2790	FEGL2890	FEGL2990	FEGL3090	FEGL3190	FEGL3290	FEGL3390	FEGL3490	FEGL3590	FEGL3690
60 deg	FEGL2660	FEGL2760	FEGL2860	FEGL2960	FEGL3060	FEGL3160	FEGL3260	FEGL3360	FEGL3460	FEGL3560	FEGL3660
45 deg	FEGL2645	FEGL2745	FEGL2845	FEGL2945	FEGL3045	FEGL3145	FEGL3245	FEGL3345	FEGL3445	FEGL3545	FEGL3645
30 deg	FEGL2630	FEGL2730	FEGL2830	FEGL2930	FEGL3030	FEGL3130	FEGL3230	FEGL3330	FEGL3430	FEGL3530	FEGL3630
Ga.	16	16	16	16	16	16	16	16	16	16	16

Dia.	37"	38"	39"	40"	41"	42"	43"	44"	45"	46"	47"	48"
90 deg	FEGL3790	FEGL3890	FEGL3990	FEGL4090	FEGL4190	FEGL4290	FEGL4390	FEGL4490	FEGL4590	FEGL4690	FEGL4790	FEGL4890
60 deg	FEGL3760	FEGL3860	FEGL3960	FEGL4060	FEGL4160	FEGL4260	FEGL4360	FEGL4460	FEGL4560	FEGL4660	FEGL4760	FEGL4860
45 deg	FEGL3745	FEGL3845	FEGL3945	FEGL4045	FEGL4145	FEGL4245	FEGL4345	FEGL4445	FEGL4545	FEGL4645	FEGL4745	FEGL4845
30 deg	FEGL3730	FEGL3830	FEGL3930	FEGL4030	FEGL4130	FEGL4230	FEGL4330	FEGL4430	FEGL4530	FEGL4630	FEGL4730	FEGL4830
Ga.	16	16	16	16	16	16	16	16	16	16	16	16

Dia.	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"
90 deg	FEGL5090	FEGL5290	FEGL5490	FEGL5690	FEGL5890	FEGL6090	FEGL6290	FEGL6490	FEGL6690	FEGL6890	FEGL7090	FEGL7290
60 deg	FEGL5060	FEGL5260	FEGL5460	FEGL5660	FEGL5860	FEGL6060	FEGL6260	FEGL6460	FEGL6660	FEGL6860	FEGL7060	FEGL7260
45 deg	FEGL5045	FEGL5245	FEGL5445	FEGL5645	FEGL5845	FEGL6045	FEGL6245	FEGL6445	FEGL6645	FEGL6845	FEGL7045	FEGL7245
30 deg	FEGL5030	FEGL5230	FEGL5430	FEGL5630	FEGL5830	FEGL6030	FEGL6230	FEGL6430	FEGL6630	FEGL6830	FEGL7030	FEGL7230
Ga.	14	14	14	14	14	14	14	14	14	14	14	14

FLANGED ELBOWS

Single Branch

Base# (xx=deg)(30-45-90)

Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"
Base#	FBL04	FBL05	FBL06	FBL07	FBL08	FBL09	FBL10	FBL11	FBL12	FBL13	FBL14	FBL15	FBL16	FBL17	FBL18	FBL19

Standard

Dia.	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Base#	FBL20	FBL22	FBL24	FBL26	FBL28	FBL30	FBL32	FBL34	FBL36	FBL38	FBL40	FBL42	FBL44	FBL46	FBL48

Standard

Double Branch

Base# (xx=deg)(30-45-90)

Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"
Base#	FBD04	FBD05	FBD06	FBD07	FBD08	FBD09	FBD10	FBD11	FBD12	FBD13	FBD14	FBD15	FBD16	FBD17	FBD18	FBD19

Standard

Dia.	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Base#	FBD20	FBD22	FBD24	FBD26	FBD28	FBD30	FBD32	FBD34	FBD36	FBD38	FBD40	FBD42	FBD44	FBD46	FBD48

Standard

Wye Branch

Base# (xx=deg)(30-45-90)

Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"
Base#	FBY04	FBY05	FBY06	FBY07	FBY08	FBY09	FBY10	FBY11	FBY12	FBY13	FBY14	FBY15	FBY16	FBY17	FBY18	FBY19

Ga.	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
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Dia.	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Base#	FBY20	FBY22	FBY24	FBY26	FBY28	FBY30	FBY32	FBY34	FBY36	FBY38	FBY40	FBY42	FBY44	FBY46	FBY48

Ga.	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

In-Cuts Branch

Base# (xx=deg)(30-45-90)

Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"
Base#	FBN04	FBN05	FBN06	FBN07	FBN08	FBN09	FBN10	FBN11	FBN12	FBN13	FBN14	FBN15	FBN16	FBN17	FBN18	FBN19

Ga.	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Dia.	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Base#	FBN20	FBN22	FBN24	FBN26	FBN28	FBN30	FBN32	FBN34	FBN36	FBN38	FBN40	FBN42	FBN44	FBN46	FBN48

Ga.	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Reducers

Base# (xx=deg)(30-45-90)

Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"
Base#	FR04	FR05	FR06	FR07	FR08	FR09	FR10	FR11	FR12	FR13	FR14	FR15	FR16	FR17	FR18	FR19

Ga.	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Dia.	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Base#	FR20	FR22	FR24	FR26	FR28	FR30	FR32	FR34	FR36	FR38	FR40	FR42	FR44	FR46	FR48

Ga.	18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

FLANGED GATES & VALVES



Full Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	FC003	FC004	FC005	FC006	FC007	FC008	FC009	FC010	FC011	FC012
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	FC013	FC014	FC015	FC016	FC017	FC018	FC019	FC020	FC022	FC024

Options

Flanged available in CS, Galv, SS.

Blast Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	FBG03	FBG04	FBG05	FBG06	FBG07	FBG08	FBG09	FBG10	FBG11	FBG12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	FBG13	FBG14	FBG15	FBG16	FBG17	FBG18	FBG19	FBG20	FBG22	FBG24

Options

Flanged available in CS, Galv, SS.

Auto Gates



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	FAC003	FAC004	FAC005	FAC006	FAC007	FAC008	FAC009	FAC010	FAC011	FAC012
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	FAC013	FAC014	FAC015	FAC016	FAC017	FAC018	FAC019	FAC020	FAC022	FAC024

Options

Flanged available in CS, Galv, SS.

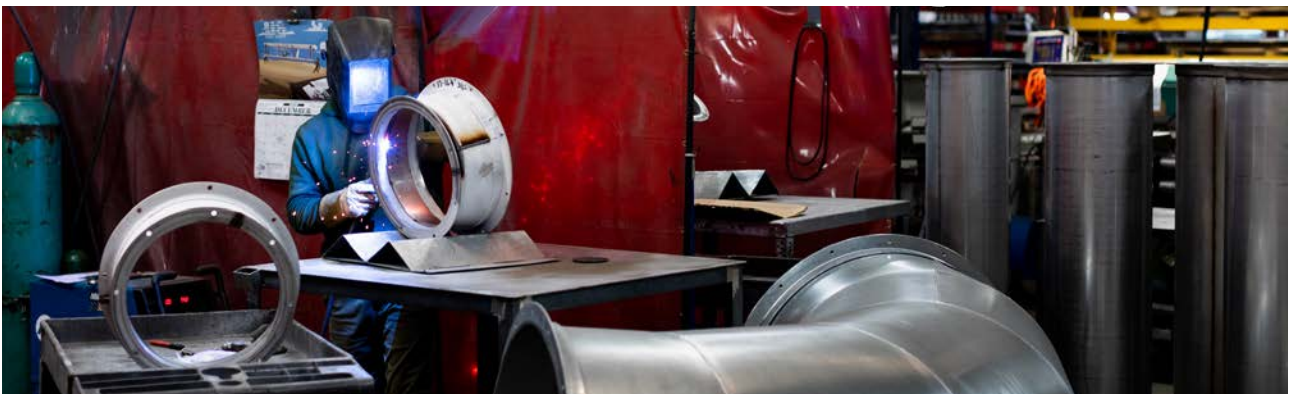
Butterfly Valves (Manual)



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	FBF03	FBF04	FBF05	FBF06	FBF07	FBF08	FBF09	FBF10	FBF11	FBF12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	FBF13	FBF14	FBF15	FBF16	FBF17	FBF18	FBF19	FBF20	FBF22	FBF24

Options

Flanged available in CS, Galv, SS.



SPECIAL SOLUTION PRODUCTS

**COMPONENTS AND ACCESSORIES
TO MEET YOUR SPECIAL
APPLICATION REQUIREMENTS**



SPECIAL SOLUTION PRODUCTS

Silencer



Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"
Base#	SS04	SS05	SS06	SS07	SS08	SS09	SS10	SS11	SS12	SS13
Dia.	14"	15"	16"	17"	18"	19"	20"	22"	24"	
Base#	SS14	SS15	SS16	SS17	SS18	SS19	SS20	SS22	SS24	

Options

Available in Galvanized and SS

Vibration Dampener



Dia.	4"	5"	6"	7"	8"	9"	10"	12"	14"
Base#	SVD04	SVD05	SVD06	SVD07	SVD08	SVD09	SVD10	SVD12	SVD14
Dia.	16"	18"	20"	22"	24"	26"	28"	30"	32"
Base#	SVD16	SVD18	SVD20	SVD22	SVD24	SVD26	SVD28	SVD30	SVD32

Options

Available in Galvanized and SS

Oil Mist Accumulators



Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"
Vertical	SMAV04	SMAV05	SMAV06	SMAV07	SMAV08	SMAV09	SMAV10	SMAV11	SMAV12
Horizontal	SMAH04	SMAH05	SMAH06	SMAH07	SMAH08	SMAH09	SMAH10	SMAH11	SMAH12
Base#	24	24	24	22	22	22	22	22	22

Options

Available in Galv. and SS

Oil Curb



Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	SOC04	SOC05	SOC06	SOC07	SOC08	SOC09	SOC10	SOC11	SOC12
Ga.	24	24	24	22	22	22	22	22	22

Options

Available in Galv. and SS

Flex Hose & Worm Clamps

Part #	2"	2.5"	3"	4"	5"	6"	7"	
RFH-BLACK	HB02	HB2.5	HB03	HB04	HB05	HB06	HB07	
RFH-CLEAR	HCLR02	HCLR2.5	HCLR03	HCLR04	HCLR05	HCLR06	HCLR07	
Static Dissipative	FHSD2		FHSD3	FHSD4	FHSD5	FHSD6	FHSD7	
Glv Steel Flex	RSF02.S	RSF2.5.S	RSF03.S	RSF04.S	RSF05.S	RSF06.S	RSF07.S	
Worm Clamps	WC02.S		WC03.S	WC04.S	WC05.S	WC06.S		
Part #	8"	9"	10"	12"	14"	16"	18"	20"
RFH-BLACK	HB08	HB09	HB10	HB12	HB14	HB16	HB18	HB20
RFH-CLEAR	HCLR08	HCLR09	HCLR10	HCLR12				
Static Dissipative	FHSD8		FHSD10	FHSD12				
Glv Steel Flex	RSF08.S		RSF10.S					
Worm Clamps	WC08.S			WC12.S				



Larger Sizes and other Hose Material available on request.

SPECIAL SOLUTION PRODUCTS

Radial Arm Saw Hood



Dia.	4"	5"	6"
Base#	RRA04	RRA05	RRA06
Ga.	18	18	18
Options	Available in Galvanized and SS		

Viewing Spool



Dia.	4"	5"	6"	7"	8"	9"	10"	12"	14"
Base#	VS04	VS05	VS06	VS07	VS08	VS09	VS10	VS12	VS14
Ga.	24	24	24	22	22	22	22	22	20
Options	Available in Galvanized and SS								

Spark Trap



Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	ST04	ST05	ST06	ST07	ST08	ST09	ST10	ST11	ST12
Dia.	14"	16"	18"	20"	22"	24"	26"	28"	30"
Base#	ST14	ST16	ST18	ST20	ST22	ST24	ST26	ST28	ST30
Dia.	32"	34"	36"	38"	40"	42"	44"		
Base#	ST32	ST34	ST36	ST38	ST40	ST42	ST44		
Options	Unit and Dropout available in Galvanized and SS								

Rain Caps



Dia.	4"	5"	6"	7"	8"	9"	10"	12"	14"
Base#	RC04	RC05	RC06	RC07	RC08	RC09	RC10	RC12	RC14
Dia.	16"	18"	20"	22"	24"	26"	28"	30"	32"
Base#	RC16	RC18	RC20	RC22	RC24	RC26	RC28	RC30	RC32
Options	Available in Galvanized and SS								

Saddles



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"
Standard	HS03	HS04	HS05	HS06	HS07	HS08	HS09	HS10	HS11	HS12	HS13	HS14	HS15	HS16	HS17	HS18
Hat Style	HSH03	HSH04	HSH05	HSH06	HSH07	HSH08	HSH09	HSH10	HSH11	HSH12	HSH13	HSH14	HSH15	HS16.	HSH17	HSH18

Dia.	19"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Standard	HS19	HS20	HS22	HS24	HS26	HS28	HS30	HS32	HS34	HS36	HS38	HS40	HS42	HS44	HS46	HS48
Hat Style	HSH19	HSH20	HSH22	HSH24	HSH26	HSH28	HSH30	HSH32	HSH34	HSH36	HSH38	HSH40	HSH42	HSH44	HSH46	HSH48

SPECIAL SOLUTION PRODUCTS

Diverter Valve



Dia.	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"
Manual	DV04	DV05	DV06	DV07	DV08	DV09	DV10	DV11	DV12	DV13
Automatic	DVA04	DVA05	DVA06	DVA07	DVA08	DVA09	DVA10	DVA11	DVA12	DVA13
Dia.	14"	15"	16"	17"	18"	19"	20"	22"	24"	
Manual	DV14	DV15	DV16	DV17	DV18	DV19	DV20	DV22	DV24	
Automatic	DVA14	DVA15	DVA16	DVA17	DVA18	DVA19	DVA20	DVA22	DVA24	
Options	Available in Galvanized and SS									

No-Loss Stack



Dia.	4"	5"	6"	7"	8"	9"	10"	12"	14"
Straight	NL04	NL05	NL06	NL07	NL08	NL09	NL10	NL12	NL14
w/Flaps	FS04	FS05	FS06	FS07	FS08	FS09	FS10	FS12	FS14
Ga.	24	24	24	22	22	22	22	22	20
Dia.	16"	18"	20"	22"	24"	26"	28"	30"	32"
Straight	NL16	NL18	NL20	NL22	NL24	NL26	NL28	NL30	NL32
w/Flaps	FS16	FS18	FS20	FS22	FS24	FS26	FS28	FS30	FS32
Ga.	20	20	20	20	18	18	18	18	18
Options	Available in Galvanized and SS								

ATEX Valves

Dia.	4"	6"	7"	8"	10"	12"	14"	16"
Base#	NRVH04S.G	NRVH06S.G	NRVH07S.G	NRVH08S.G	NRVH10S.G	NRVH12S.G	NRVH14S.G	NRVH16S.G
Dia.	18"	20"	22"	24"	26"	28"	30"	32"
Base#	NRVH18S.G	NRVH20S.G	NRVH22S.G	NRVH24S.G	NRVH26S.G	NRVH28S.G	NRVH30S.G	NRVH32S.G
Dia.	34"	36"	38"	40"				
Base#	NRVH34S.G	NRVH36S.G	NRVH38S.G	NRVH40S.G				



The **Explosion Isolation Valve VIGIFLAP** complies with **NFPA guidelines** and is an **ATEX Certified** device for the containment of explosion.

- Automatic locking of the valve in the closed position in the event of an explosion.
- Tested and certified for installation in ANY POSITION
- $P_{MAX} \leq 10$ bar
- KST MAX 250 bar.m/s
- NFPA 69 compliant design
- EN 16447 approved

Options: Galvanized or stainless steel, dust level sensor, connection box installed on the body.

CONSOLIDATED ENDS AND ADAPTERS

Closed End Cap



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RNC03	RNC04	RNC05	RNC06	RNC07	RNC08	RNC09	RNC10	RNC11	RNC12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RNC13	RNC14	RNC15	RNC16	RNC17	RNC18	RNC19	RNC20	RNC22	RNC24

Options

Available in Galvanized and SS

Bird Screen



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RNS03	RNS04	RNS05	RNS06	RNS07	RNS08	RNS09	RNS10	RNS11	RNS12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RNS13	RNS14	RNS15	RNS16	RNS17	RNS18	RNS19	RNS20	RNS22	RNS24

Options

Available in Galvanized and SS

Bell Mouth



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	BM03	BM04	BM05	BM06	BM07	BM08	BM09	BM10	BM11	BM12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	BM13	BM14	BM15	BM16	BM17	BM18	BM19	BM20	BM22	BM24

Options

Available in Galvanized and SS

Adapter



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RA03	RA04	RA05	RA06	RA07	RA08	RA09	RA10	RA11	RA12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RA13	RA14	RA15	RA16	RA17	RA18	RA19	RA20	RA22	RA24

Options

Available in Galvanized and SS

Flange Adapter



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RAF03	RAF04	RAF05	RAF06	RAF07	RAF08	RAF09	RAF10	RAF11	RAF12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RAF13	RAF14	RAF15	RAF16	RAF17	RAF18	RAF19	RAF20	RAF22	RAF24

Options

Available in Galvanized and SS

Hose Adapter



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RAH03	RAH04	RAH05	RAH06	RAH07	RAH08	RAH09	RAH10	RAH11	RAH12
Dia.	13"	14"	15"	16"	17"	18"	19"	20"	22"	24"
Base#	RAH13	RAH14	RAH15	RAH16	RAH17	RAH18	RAH19	RAH20	RAH22	RAH24

Options

Available in Galvanized and SS

CONSOLIDATED ENDS AND ADAPTERS

Cable Hangers



Dia.	#3	#4	#5
Base#	HNG-#3.S	HNG-#4.S	HNG-#5.S
Options	Available in standard 15' lengths of Cable. 30' also available.		

Ball Joints



Dia.	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
Base#	RBJ03	RBJ04	RBJ05	RBJ06	RBJ07	RBJ08	RBJ09	RBJ10	RBJ11	RBJ12
Options	Available in Galvanized and SS									
	with ith Reducer									

Floor Sweeps



Dia.	4"	5"	6"	7"	8"
Base#	RFS04	RFS04	RFS04	RFS04	RFS04
Options	18	18	18	18	18
Options	Available in Galvanized and SS				

Curb/Stack Assembly



Dia.	4"	5"	6"	7"	8"	9"	10"	12"	14"
Base#	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS12	CS14
Dia.	16"	18"	20"	22"	24"	26"	28"	30"	32"
Base#	CS16	CS18	CS20	CS22	CS24	CS26	CS28	CS30	CS32
Options	Available in Galvanized and SS								

FROM THE HEAVIEST TO THE SMALLEST PRODUCTS



Utilizing your designs or ours, US Duct can fabricate virtually any sheet metal product you might need. From light gauges up to 1/4" steel, we can produce the custom fabrication that you need, be it a tiny hood or a truckload of armor rated plate boxes. With a focus on delivering high quality products built exactly to the specifications of our customers, we have a history of solving problems and leaving our customers satisfied. Our team of experts is ready to find the solution for you!



ANY MANIFOLD—ANY HOOD!

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It's that easy!



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THANK YOU!