

► Filament Wound Pipe

► Contact Molded Pipe

► Tee

► 45° Lateral

► 90° Elbow

► 45° Elbow

► Concentric Reducer

► Eccentric Reducer

► Full Face Flange



C H E M P O S I T E™ DUCTING

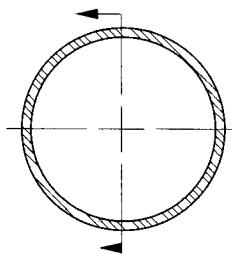
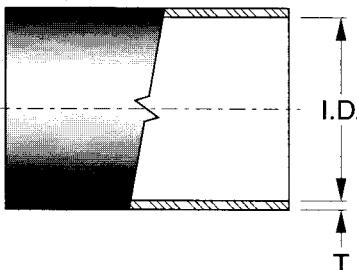
► Vanstone Flange

► Blind Flange



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DUCTING | FILAMENT WOUND DUCT

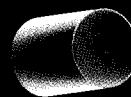


INSIDE DIAMETER	WALL THICKNESS	ALLOWABLE VACUUM (INCHES OF WATER)	ALLOWABLE PRESSURE (PSI)
I.D.	T		
2	0.125	183	190
3	0.125	103	130
4	0.125	67	95
6	0.125	38	65
8	0.125	25	48
10	0.125	18	38
12	0.125	14	32
14	0.125	11	28
16	0.125	9	24
18	0.125	7	21
20	0.125	6	19
24	0.188	13	24
30	0.188	9	19
36	0.188	7	16
42	0.25	12	18
48	0.25	10	16
54	0.25	8	14
60	0.25	7	13

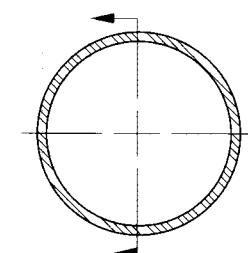
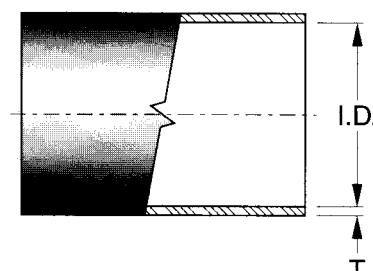
All dimensions in inches

Based on 10 ft. support spacing

- Wall thickness (T) includes corrosion barrier and interior layer.
- Custom sizes and thicknesses are available.



DUCTING | CONTACT MOLDED DUCT



INSIDE DIAMETER	WALL THICKNESS	ALLOWABLE VACUUM (INCHES OF WATER)	ALLOWABLE PRESSURE (PSI)
I.D.	T		
2	0.125	215	185
3	0.125	120	125
4	0.125	80	94
6	0.125	44	62
8	0.125	29	47
10	0.125	21	37
12	0.125	16	31
14	0.125	15	27
16	0.125	10	23
18	0.125	9	21
20	0.125	7	18
24	0.188	16	23
30	0.188	11	18
36	0.188	9	15
42	0.25	14	18
48	0.25	11	16
54	0.25	9	14
60	0.25	8	12

All dimensions in inches

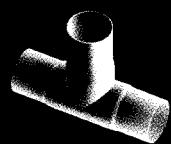
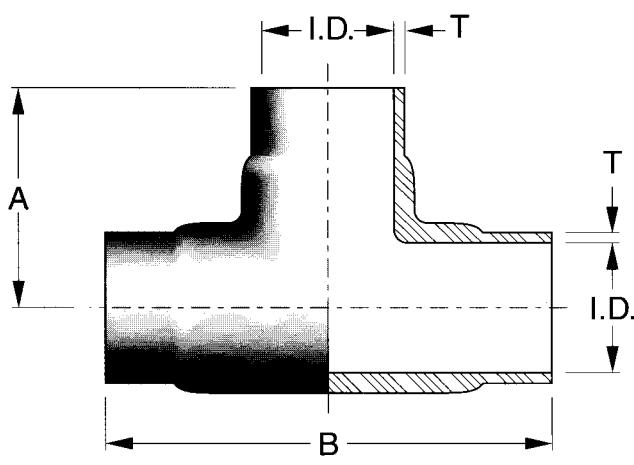
Based on 10 ft. support spacing



- Wall thickness (T) includes corrosion barrier and interior layer.
- Custom sizes and thicknesses are available.

CHEM POSITIVE

DUCTING | TEE

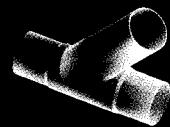
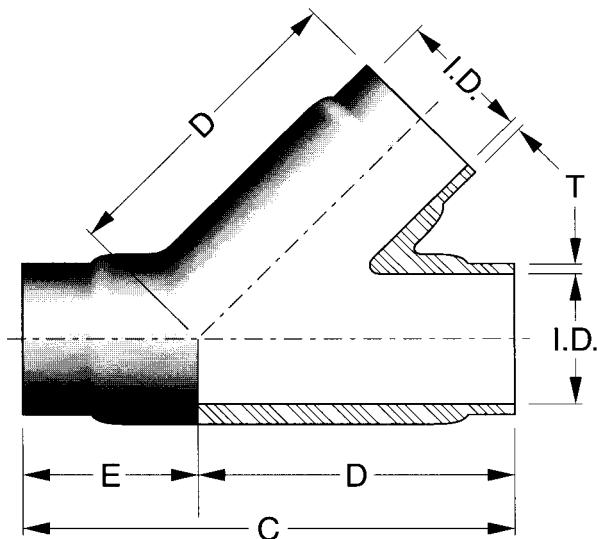


- Wall thickness (T) includes corrosion barrier and interior layer.
- Options:
 - Custom sizes and thicknesses
 - Reducing tee
 - Vanstone or full face flanged ends

I.D.	A	B	T
2	6	12	0.125
3	7	14	0.125
4	8	16	0.125
6	10	20	0.125
8	12	24	0.125
10	14	28	0.125
12	16	32	0.125
14	18	36	0.125
16	20	40	0.125
18	21	42	0.125
20	22	44	0.125
24	24	48	0.188
30	30	60	0.188
36	33	66	0.188
42	36	72	0.25
48	40	80	0.25
54	44	88	0.25
60	50	100	0.25

All dimensions in inches

DUCTING | 45° LATERAL



► Wall thickness (T) includes corrosion barrier and interior layer.

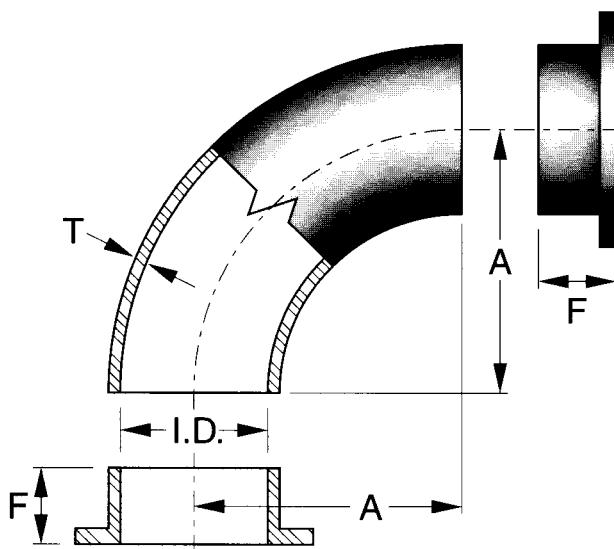
► Options:

- Custom sizes and thicknesses
- Reducing lateral
- Vanstone or full face flanged ends

INSIDE DIAMETER	C FLANGE TO SIDE	D CHAMFER TO SIDE	E FLANGE TO SIDE	WALL THICKNESS
I.D.	C	D	E	T
2	16	10	6	0.125
3	18	12	6	0.125
4	20	14	6	0.125
6	24	16	8	0.125
8	30	20	10	0.125
10	34	24	10	0.125
12	38	26	12	0.125
14	42	30	12	0.125
16	46	32	14	0.125
18	50	36	14	0.125
20	54	38	16	0.125
24	60	42	18	0.188
30	72	52	20	0.188
36	84	62	22	0.188
42	96	72	24	0.25
48	110	82	28	0.25
54	126	96	30	0.25
60	140	106	34	0.25

All dimensions in inches

DUCTING | 90° ELBOW

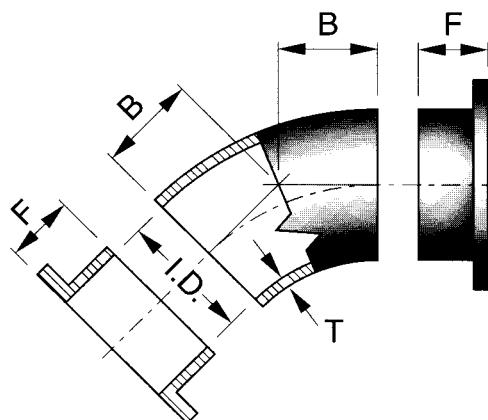


- Long radius, smooth flow elbow up to and including 24" diameter.
- Long radius, mitred elbows from 30" diameter and over.
- Add dimension (F) to (A) for overall length if flange connection is required.
- Options:
 - Custom sizes and thicknesses
 - Vanstone or full face flanged ends

I.D.	A	F	FLANGE F	ELBOW T THICKNESS
2	3	3	5	0.125
3	4.5	3	5	0.125
4	6	3	5	0.125
6	9	3	5	0.125
8	12	4	6	0.125
10	15	4	6	0.125
12	18	5	7	0.125
14	21	6	8	0.125
16	24	6	8	0.125
18	27	6	8	0.125
20	30	7	9	0.125
24	36	7	9	0.188
30	45	7	9	0.188
36	54	8	10	0.188
42	63	8	10	0.25
48	72	8	10	0.25
54	81	8	10	0.25
60	90	8	10	0.25

All dimensions in inches

DUCTING | 45° ELBOW

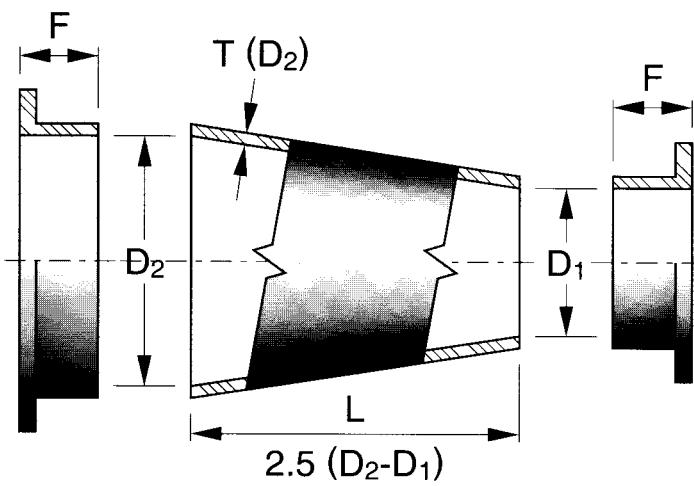


INSIDE DIAMETER	POSITION TO FLANGE	FLANGE THICKNESS	VALVE THICKNESS FLANGE	WALL THICKNESS
I.D.	B	F	F	T
2	1.25	3	5	0.125
3	1.875	3	5	0.125
4	2.5	3	5	0.125
6	3.75	3	5	0.125
8	5	4	6	0.125
10	6.25	4	6	0.125
12	7.5	5	7	0.125
14	8.75	6	8	0.125
16	10	6	8	0.125
18	11.5	6	8	0.125
20	12.5	7	9	0.125
24	15	7	9	0.188
30	18.375	7	9	0.188
36	22.5	8	10	0.188
42	26.25	8	10	0.25
48	30	8	10	0.25
54	33.75	8	10	0.25
60	37.5	8	10	0.25

All dimensions in inches

- Long radius, smooth flow elbow up to and including 24" diameter.
- Long radius, mitred elbows from 30" diameter and over.
- Add dimension (F) to (A) for overall length if flange connection is required.
- Options:
 - Custom sizes and thicknesses
 - Vanstone or full face flanged ends

DUCTING | CONCENTRIC REDUCER



I.D. INNER DIA. FLANGE THICKNESS	FLANGE WIDTH F	FLANGE WIDTH F	VANSTONE FLANGE THICKNESS T
2	3	5	0.125
3	3	5	0.125
4	3	5	0.125
6	3	5	0.125
8	4	6	0.125
10	4	6	0.125
12	5	7	0.125
14	6	8	0.125
16	6	8	0.125
18	6	8	0.125
20	7	9	0.125
24	7	9	0.188
30	7	9	0.188
36	8	10	0.188
42	8	10	0.25
48	8	10	0.25
54	8	10	0.25
60	8	10	0.25

All dimensions in inches



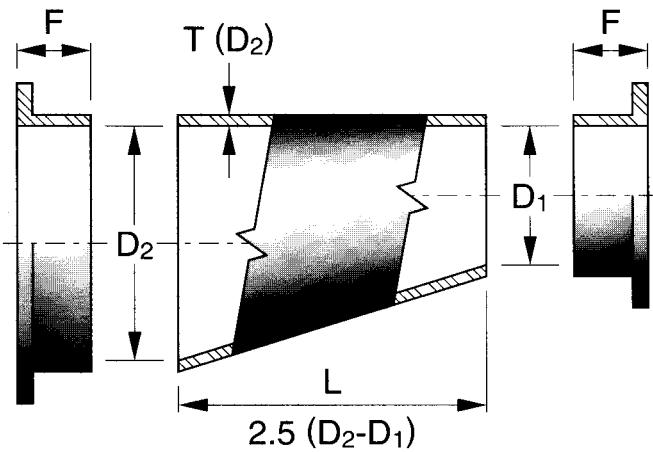
► The wall thickness and pressure rating for the reducer is based on the larger diameter (D_2).

► Add dimension (F) to (L) for overall length if a flange connection is required.

► Options:

- Custom sizes and thicknesses
- Vanstone or full face flanged ends

DUCTING | ECCENTRIC REDUCER



REDUCED DIAMETER	FLANGE THICKNESS	eccentric distance	WALL THICKNESS
I.D.	F	F	T
2	3	5	0.125
3	3	5	0.125
4	3	5	0.125
6	3	5	0.125
8	4	6	0.125
10	4	6	0.125
12	5	7	0.125
14	6	8	0.125
16	6	8	0.125
18	6	8	0.125
20	7	9	0.125
24	7	9	0.188
30	7	9	0.188
36	8	10	0.188
42	8	10	0.25
48	8	10	0.25
54	8	10	0.25
60	8	10	0.25

All dimensions in inches

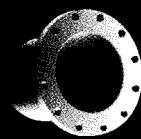
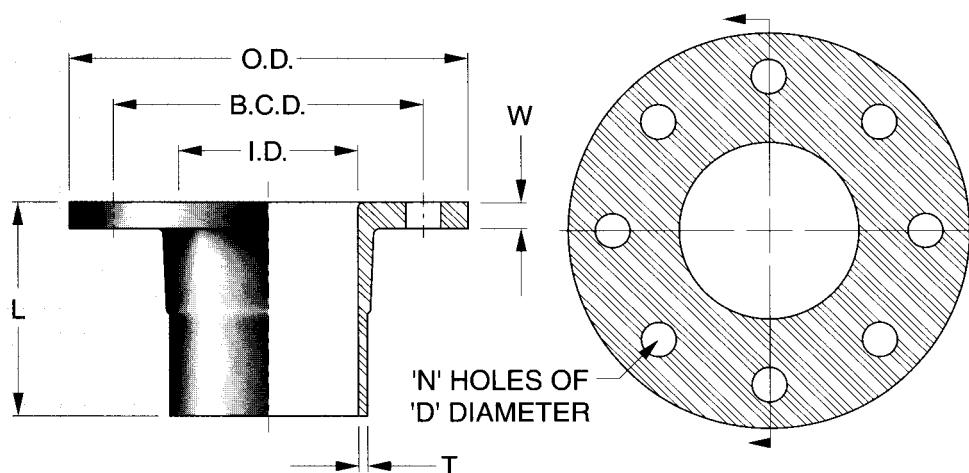
► The wall thickness and pressure rating for the reducer is based on the larger diameter (D_2).

► Add dimension (F) to (L) for overall length if a flange connection is required.

► Options:

- Custom sizes and thicknesses
- Vanstone or full face flanged ends

DUCTING FULL FACE FLANGE

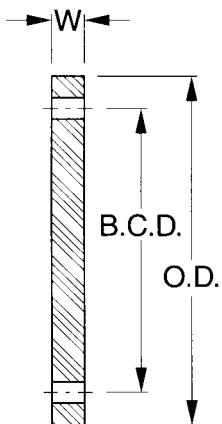
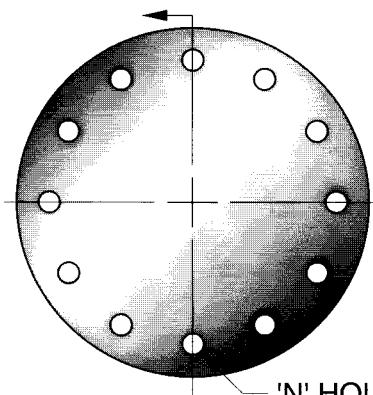


- All bolt holes are spot faced.
- Custom sizes and thicknesses are available.

I.D.	T	L	W	O.D.	B.C.D.	D	N
2	0.125	6	0.25	6.375	5	0.438	4
3	0.125	6	0.25	7.375	6	0.438	4
4	0.125	6	0.25	8.375	7	0.438	4
6	0.125	8	0.25	10.375	9	0.438	8
8	0.125	8	0.25	12.375	11	0.438	8
10	0.125	10	0.375	14.375	13	0.438	12
12	0.125	10	0.375	16.375	15	0.438	12
14	0.125	12	0.375	18.375	17	0.438	12
16	0.125	12	0.5	20.375	19	0.438	16
18	0.125	12	0.5	22.375	21	0.438	16
20	0.125	12	0.5	24.375	23	0.438	20
24	0.188	12	0.5	28.375	27	0.438	20
30	0.188	16	0.5	34.375	33	0.438	28
36	0.188	16	0.5	40.375	39	0.438	32
42	0.25	16	0.625	46.375	45	0.438	36
48	0.25	16	0.625	54.375	52	0.563	44
54	0.25	16	0.625	60.375	58	0.563	44
60	0.25	16	0.625	66.375	64	0.563	52

All dimensions in inches

DUCTING | BLIND FLANGE



► All bolt holes are spot faced.

INSIDE DIAMETER	FLANGE DIAMETER/CS	BOLT CIRCLE DIAMETER	BOLT HOLE DIAMETER	# OF BOLT HOLES	FLANGE THICKNESS
I.D.	O.D.	B.C.D.	D	N	W
2	6.375	5	0.438	4	0.25
3	7.375	6	0.438	4	0.25
4	8.375	7	0.438	4	0.25
6	10.375	9	0.438	8	0.25
8	12.375	11	0.438	8	0.25
10	14.375	13	0.438	12	0.375
12	16.375	15	0.438	12	0.375
14	18.375	17	0.438	12	0.375
16	20.375	19	0.438	16	0.5
18	22.375	21	0.438	16	0.5
20	24.375	23	0.438	20	0.5
24	28.375	27	0.438	20	0.5
30	34.375	33	0.438	28	0.5
36	40.375	39	0.438	32	0.5
42	46.375	45	0.438	36	0.625
48	54.375	52	0.563	44	0.625
54	60.375	58	0.563	44	0.625
60	66.375	64	0.563	52	0.625

All dimensions in inches