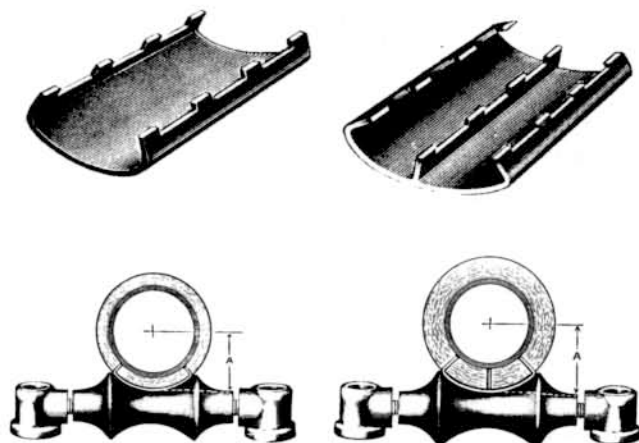


STEEL PIPE COVERING PROTECTION SADDLES

* **SIZE AVAILABILITY:** 3/4" thru 24".

* **FINISH:** Black or Galvanized.

- Saddles are made from 1008 - 1010 low carbon materials.
- The pressure point tabs allow for easy, weld on type application.
- The saddle series is used in high temperature applications.
- The "Y" series has a welded center plate for added stability on the 12" and larger sizes.
- Complies with Federal Specifications WW-H- 171e, Type 40a or Type 40b.
- Complies with Manufacturers Standardization Society SP-69 (Type 39a or 39b).

* **ORDERING:** Specify pipe size, figure number, thickness of cover name and finish.

FIG. 341 THRU 343A

FIGURE NUMBER	THICKNESS OF INSULATION (COVER)	SADDLE LENGTH	PIPE SIZE
341	1"	12"	3/4" THROUGH 12"
341A	1-1/2"	12"	3/4" THROUGH 24"
342	2-1/2"	12"	1-1/4" THROUGH 24"
342A	2"	12"	3/4" THROUGH 24"
343	3"	12"	2" THROUGH 24"
343A	3-1/2"	12"	4" THROUGH 12"

To arrive at the required Roller or Hanger size, double the thickness of the covering and add to the actual pipe size.

All Modern Fig. 386, 475 and 661 Hangers have side bars or rods and take Modern Fig. 750 Rollers.

INSULATION PROTECTOR SADDLE

* **SIZE AVAILABILITY:** 1-7/8" thru 36"

* **FINISH:** Galvanized.

- Insulation shields are made from 12,14,16,18 and 20 gauge steel to accommodate various thicknesses of covering.
- Shields are 180°.
- For use with vapor barrier type insulations such as foam, fiberglass, calcium silicate or cork.
- The shield is used to prevent the hanger from cutting or damaging the covering.
- Rolled edges on each end gives further protection, strength and ease of installation.
- Complies with Manufacturers Standardization Society SP-69 (Type 40).
- Complies with Federal Specifications WW-H-171 (Type 41).

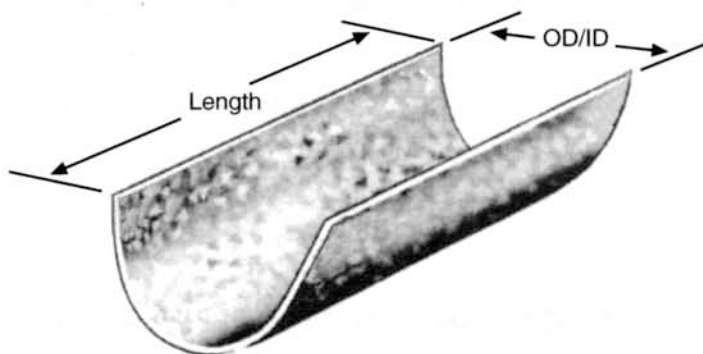
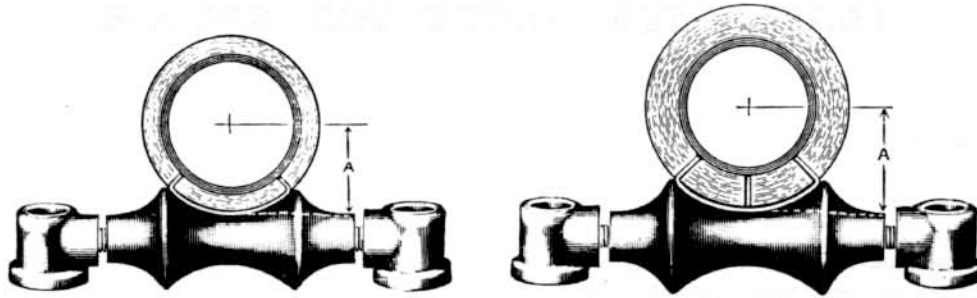


FIG. 344

* **ORDERING:** Specify shield size, figure number and give pipe (tube) size and thickness of covering.

SIZE	*****THICKNESS OF COVERING*****				
Iron Pipe	1/2"	3/4"	1"	1 -1/2"	2"
1/2"	1	2	4	7	9
3/4"	2	3	5	8	9
1"	2	4	6	8	10
1-1/4"	3	5	7	9	10
1-1/2"	4	6	7	9	11
2"	6	7	8	10	12
2-1/2"	7	8	9	11	13
3"	8	9	10	12	13
3-1/2"	9	10	12	13	4
4"	10	11	12	13	14
5"	12	13	13	14	15
6"	-	14	14	15	16
8"	-	-	16	17	18
10"	-	-	18	19	19
12"	-	-	19	20	20
Cop.Tube	*****				
1/2"	1	1	3	6	8
3/4"	1	2	4	7	9
1"	1	3	5	7	9
1-1/4"	3	4	6	8	10
1-1/2"	4	5	6	8	11
2"	5	6	7	9	11
2-1/2"	6	8	8	10	12
3"	8	9	9	11	13
3-1/2"	-	-	10	13	13
4"	-	-	12	13	14
6"	-	-	14	15	16

SHIELD SIZE	O.D. I.D.	STOCK SIZE	SHIELD SIZE	CLEVIS HGR SIZE
M1	1-7/8 (2.0)	18,20ga	8",12"	1-1/2"
1	2-1/8 (2.0)	18,20ga	8",12"	2"
2	2-3/8 (2.5)	18,20ga	8",12"	2"
3	2-5/8 (2.5)	18,20ga	8",12"	2-1/2"
4	2-7/8 (3.0)	18,20ga	8",12"	2-1/2"
5	3-1/8 (3.0)	18,20ga	8",12"	2-1/2"
6	3-5/8 (3.5)	18,20ga	8",12"	3"
7	4-1/8 (4.0)	18,20ga	8",12"	3-1/2"
8	4-5/8 (4.5)	18,20ga	8",12"	4"
9	5-1/8 (5.0)	18,20ga	8",12"	5"
10	5-9/16 (5.5)	18,20ga	8",12"	5"
11	6-1/8 (6.0)	18,20ga	8",12"	6"
12	6-5/8 (6.5)	16,18ga	8",12"	6"
13	7-3/4 (7.5)	16,18ga	12",18"	8"
14	8-5/8 (8.5)	16,18ga	12",18"	8"
15	9-5/8 (9.5)	16,18ga	12",18"	10"
16	10-3/4 (10.5)	16,18ga	12",18"	10"
17	11-3/4 (11.5)	14,16ga	12",18"	12"
18	12-3/4 (12.5)	14,16ga	12",18"	12"
19	14-1/4 (14.0)	14,16ga	12",18"	14"
20	16 (16.0)	14,16ga	18",24"	16"
21	18 (18.0)	12,14ga	18",24"	18"
22	20 (20.0)	12,14ga	18",24"	20"
23	22 (22.0)	12,14ga	18",24"	22"
24	24 (24.0)	12,14ga	24"	24"
25	26 (26.0)	12,14ga	24"	26"
26	30 (30.0)	12,14ga	24"	30"



See Page 66 or 67 for Measurements

APPLICATION: Pipe Covering Protection Saddles are used for preventing pipe covering from crushing and for reducing heat losses by providing for a continuous, smooth covering application which is weather tight.

CONSTRUCTION: All sizes of saddles are the 12" long. These saddles in both type "X" and "Y" are made of steel plate, curved with the edges turned up and notched out to provide a minimum of bearing against the pipe to prevent heat loss.

Type "X" is regularly furnished for pipe sizes 8" and smaller; type "Y" which has a center supporting plate is regularly furnished for pipe sizes 10" and larger.

WELDING: These saddles should be tack welded to the pipe to hold them permanently in position.

COVERING MATERIAL: Saddles are furnished unfilled. They should be filled with plastic cement, insulation or covering material before being installed in position.

LARGER PIPE ROLLS: When PIPE COVERING PROTECTION SADDLES are used, the size of pipe roll required is larger than that of the pipe size. Refer to Saddle Schedules on pages 66 - 70 for proper size of pipe rolls.

Schedule of Pipe Rollers and Roller Hangers to be Used with Fig. 343 Saddles for 3" Thick Covering

SADDLE	Actual	FIGURE NUMBERS		FIGURE NUMBERS		Fig 755	Fig 661	FIGURE NUMBERS	
SIZE	Thickness	750, 335, 336		339, 340,		Size	Size	475, 386	
Same as	of	385, 1335		389		Recom-	Recom-		
Pipe Size	Covering	Size	Alternate	Size	Alternate	mended	mended	Size	Alternate
1-1/2"	3"	6"	NONE	#2; 4"- 6"	NONE	#4; 5"- 6"	8"	6"	NONE
2"	3-1/8"	8"	NONE	#2; 4"- 6"	NONE	#4; 5"- 6"	8"	8"	NONE
2-1/2"	3-3/8"	10"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	10"	NONE
3"	3-1/16"	10"	8"	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	10"	8"
3-1/2"	3-5/16"	10"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	10"	NONE
4"	3-1/16"	10"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	10"	NONE
5"	3-1/16"	10"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	10"	NONE
6"	3"	10"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	12"	10"	NONE
8"	3-1/8"	14"	12"	#4; 12"- 14"	NONE	#6; 12"- 16"	14"	14"	12"
10"	3-1/16"	16"	NONE	#4; 12"- 14"	NONE	#6; 12"- 16"	16"	16"	NONE
12"	3"	18"	NONE	#5; 16"- 20"	NONE	NONE	18"	18"	NONE
14" O.D.	3"	20"	NONE	#5; 16"- 20"	NONE	NONE	20"	20"	NONE
16" O.D.	3"	20"	NONE	#5; 16"- 20"	NONE	NONE	24"	24"	NONE
18" O.D.	3"	24"	NONE	#6; 22"- 24"	NONE	NONE	24"	24"	NONE
20" O.D.	3"	30"	NONE	#7; 26"- 30"	NONE	NONE	30"	30"	NONE
24" O.D.	3"	30"	NONE	#7; 26"- 30"	NONE	NONE	30"	30"	NONE

Schedule of Pipe Rollers and Roller Hangers to be Used with Fig. 343A Saddles for 4" Thick Covering

SADDLE	Actual	FIGURE NUMBERS		FIGURE NUMBERS		Fig 755	Fig 661	FIGURE NUMBERS	
SIZE	Thickness	750, 335, 336,		339, 340,		Size	Size	475, 386	
Same as	of	385, 1335		and 389		Recom-	Recom-		
Pipe Size	Covering	Size	Alternate	Size	Alternate	mended	mended	Size	Alternate
4"	4-1/16"	12"	NONE	#3; 8"- 10"	NONE	#6; 12"- 16"	12"	12"	NONE
5"	4-3/16"	12"	NONE	#3; 8"- 10"	NONE	#6; 12"- 16"	14"	14"	NONE
6"	4-1/8"	14"	12"	#3; 8"- 10"	NONE	#6; 12"- 16"	14"	14"	NONE
8"	4-1/8"	16"	NONE	#4; 12"- 14"	NONE	NONE	16"	16"	NONE
10"	4-1/16"	18"	NONE	#5; 16"- 20"	NONE	NONE	18"	18"	NONE
12"	4-1/8"	20"	NONE	#5; 16"- 20"	NONE	NONE	20"	20"	NONE
14" O.D.	4"	24"	NONE	#6; 22"- 24"	NONE	NONE	24"	24"	NONE
16" O.D.	4"	24"	NONE	#6; 22"- 24"	NONE	NONE	24"	24"	NONE
20" O.D.	4"	30"	NONE	#7; 26"- 30"	NONE	NONE	30"	30"	NONE
24" O.D.	4"	30"	NONE	#7; 26"- 30"	NONE	NONE	30"	30"	NONE

Schedule of Pipe Rollers and Roller Hangers to be Used with Fig. 342 Saddles for 2-1/2" Thick Covering

SADDLE	Actual	FIGURE NUMBERS		FIGURE NUMBERS		Fig 755	Fig 661	FIGURE NUMBERS	
SIZE	Thickness	750, 335, 336,		339, 340,		Size	Size	475, 386	
Same As	of	385, 1335		and 389		Recom-	Recom-		
Pipe Size	Covering	Size	Alternate	Size	Alternate	mended	mended	Size	Alternate
3/4"	2-3/4"	6"	NONE	#2; 4"-6"	NONE	#4; 5"-6"	6"	6"	5"
1"	2-5/8"	6"	NONE	#2; 4"-6"	NONE	#4; 5"-6"	6"	6"	5"
1-1/4"	2-7/16"	6"	NONE	#2; 4"-6"	NONE	#4; 5"-6"	6"	6"	5"
1-1/2"	2-13/16"	8"	6"	#3; 8"-10"	NONE	#5; 8"-10"	8"	8"	6"
2"	2-5/8"	8"	6"	#3; 8"-10"	NONE	#5; 8"-10"	8"	8"	6"
2-1/2"	2-7/8"	8"	NONE	#3; 8"-10"	NONE	#5; 8"-10"	8"	8"	NONE
3"	2-9/16"	8"	NONE	#3; 8"-10"	NONE	#5; 8"-10"	8"	8"	NONE
3-1/2"	2-3/4"	10"	8"	#3; 8"-10"	NONE	#5; 8"-10"	10"	10"	8"
4"	2-9/16"	10"	8"	#3; 8"-10"	NONE	#5; 8"-10"	10"	10"	8"
5"	2-9/16"	10"	8"	#3; 8"-10"	NONE	#5; 8"-10"	10"	10"	NONE
6"	2-1/2"	12"	10"	#4; 12"-14"	NONE	#6; 12"-16"	12"	12"	10"
8"	2-11/16"	14"	NONE	#4; 12"-14"	NONE	#6; 12"-16"	14"	14"	NONE
10"	2-9/16"	16"	NONE	#5; 16"-20"	NONE	#6; 12"-16"	16"	16"	NONE
12"	2-5/8"	18"	NONE	#5; 16"-20"	NONE	NONE	18"	18"	NONE
14" O.D.	2-1/2"	20"	NONE	#5; 16"-20"	NONE	NONE	20"	20"	NONE
16" O.D.	2-1/2"	20"	NONE	#5; 16"-20"	NONE	NONE	24"	24"	NONE
18" O.D.	2-1/2"	24"	NONE	#6; 22"-24"	NONE	NONE	24"	24"	NONE
20" O.D.	2-1/2"	24"	NONE	#6; 22"-24"	NONE	NONE	24"	24"	NONE
24" O.D.	2-1/2"	30"	NONE	#7; 24"-30"	NONE	NONE	30"	30"	NONE

Schedule of Pipe Rollers and Roller Hangers to be Used with Fig. 342A for 2" Thick Covering

SADDLE	Actual	FIGURE NUMBERS		FIGURE NUMBERS		Fig 755	Fig 661	FIGURE NUMBERS	
SIZE	Thickness	750, 335, 336,		339, 340,		Size	Size	475, 386	
Same As	of	385, 1335		and 389		Recom-	Recom-		
Pipe Size	Covering	Size	Alternate	Size	Alternate	mended	mended	Size	Alternate
3/4"	2"	4"	NONE	#1; 2"-3-1/2"	NONE	#3; 3-1/2"-4"	5"	4"	NONE
1"	2-1/8"	4"	NONE	#1; 2"-3-1/2"	NONE	#3; 3-1/2"-4"	5"	4"	NONE
1-1/4"	2"	4"	NONE	#1; 2"-3-1/2"	NONE	#3; 3-1/2"-4"	5"	4"	NONE
1-1/2"	2-5/16"	6"	5"	#2; 4"-6"	NONE	#4; 5"-6"	6"	6"	NONE
2"	2-1/8"	6"	5"	#2; 4"-6"	NONE	#4; 5"-6"	6"	6"	5"
2-1/2"	2-11/32"	8"	NONE	#3; 8"-10"	NONE	#5; 8"-10"	8"	8"	NONE
3"	2-1/16"	8"	6"	#2; 4"-6"	NONE	#4; 5"-6"	8"	8"	6"
3-1/2"	2-1/4"	8"	NONE	#3; 8"-10"	NONE	#5; 5"-10"	8"	8"	NONE
4"	2-1/16"	8"	NONE	#2; 4"-6"	NONE	#4; 5"-6"	8"	8"	NONE
5"	2"	8"	NONE	#3; 8"-10"	NONE	#5; 8"-10"	10"	8"	NONE
6"	2-1/32"	10"	NONE	#3; 8"-10"	NONE	#5; 8"-10"	10"	10"	NONE
8"	2-1/32"	12"	10"	#3; 8"-10"	NONE	#6; 12"-16"	12"	12"	NONE
10"	2-1/16"	14"	12"	#4; 12"-14"	#3; 8"-10"	#6; 12"-16"	16"	14"	NONE
12"	2-1/16"	16"	14"	#4; 12"-14"	NONE	NONE	18"	16"	NONE
14" O.D.	2"	16"	NONE	#5; 16"-20"	NONE	NONE	18"	16"	NONE
16" O.D.	2"	18"	NONE	#5; 16"-20"	NONE	NONE	20"	18"	NONE
18" O.D.	2"	20"	NONE	#6; 22"-24"	NONE	NONE	24"	24"	NONE
20" O.D.	2"	24"	NONE	#6; 22"-24"	NONE	NONE	24"	24"	NONE
24" O.D.	2"	30"	NONE	#7; 24"-30"	NONE	NONE	30"	30"	NONE

Schedule of Pipe Rollers and Roller Hangers to be Used with Fig. 341 Saddles for 1" Cover

SADDLE	Actual	FIGURE NUMBERS		FIGURE NUMBERS		Fig 755	Fig 661	FIGURE NUMBERS	
SIZE	Thickness	750, 335, 336,		339, 340,		Size	Size	475, 386	
Same as	of	385, 1335		and 389		Recom-	Recom-		
Pipe Size	Covering	Size	Alternate	Size	Alternate	mended	mended	Size	Alternate
3/4"	7/8"	2-1/2"	2"	#1; 2"- 3-1/2"	NONE	#2; 2"- 3"	2-1/2"	2-1/2"	2"
1"	1-1/16"	3"	NONE	#1; 2"- 3-1/2"	NONE	#2; 2"- 3"	3"	3"	2-1/2"
1-1/4"	7/8"	3"	NONE	#1; 2"- 3-1/2"	NONE	#2; 2"- 3"	3"	3"	2-1/2"
1-1/2"	1"	3-1/2"	4"	#1; 2"- 3-1/2"	NONE	#2; 2"- 3"	3-1/2"	3"	2-1/2"
2"	1-1/16"	4"	4"	#1; 2"- 3-1/2"	NONE	#3; 3-1/2"- 4"	4"	4"	3-1/2"
2-1/2"	1-1/16"	5"	5"	#1; 2"- 3-1/2"	NONE	#4; 5"- 6"	5"	5"	4"
3"	1"	5"	5"	#1; 2"- 3-1/2"	NONE	#4; 5"- 6"	5"	5"	4"
3-1/2"	1-1/4"	6"	6"	#2; 4"- 6"	NONE	#4; 5"- 6"	6"	6"	NONE
4"	1-1/16"	6"	NONE	#2; 4"- 6"	NONE	#4; 5"- 6"	6"	6"	5"
5"	1"	8"	NONE	#2; 4"- 6"	NONE	#5; 8"- 10"	8"	8"	6"
6"	1"	8"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	8"	8"	NONE
8"	1"	10"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	10"	NONE
10"	1"	12"	NONE	#4; 12"- 14"	NONE	#6; 12"- 14"	12"	12"	NONE
12"	1"	16"	14"	#4; 12"- 14"	NONE	NONE	16"	16"	14"
14" O.D.	1"	16"	NONE	#4; 12"- 14"	16"- 20"	NONE	16"	16"	NONE
16" O.D.	1"	18"	16"	#4; 12"- 14"	16"- 20"	NONE	18"	18"	NONE
18" O.D.	1"	20"	18"	#5; 16"- 20"	NONE	NONE	20"	20"	NONE

Schedule of Pipe Rollers and Roller Hangers to be Used with Fig. 341A Saddles for 1-1/2" Cover

SADDLE	Actual	FIGURE NUMBERS		FIGURE NUMBERS		Fig 755	Fig 661	FIGURE NUMBERS	
SIZE	Thickness	750, 335, 336,		339, 340,		Size	Size	475, 386	
Same as	of	385, 1335		and 389		Recom-	Recom-		
Pipe Size	Covering	Size	Alternate	Size	Alternate	mended	mended	Size	Alternate
3/4"	1-7/16"	3"	NONE	#1; 2"- 3-1/2"	NONE	#3; 3-1/2"- 4"	4"	3"	NONE
1"	1-9/16"	3"	NONE	#1; 2"- 3-1/2"	NONE	#3; 3-1/2"- 4"	4"	3"	NONE
1-1/4"	1-21/32"	4"	NONE	#1; 2"- 3-1/2"	NONE	#3; 3-1/2"- 4"	5"	4"	NONE
1-1/2"	1-17/32"	4"	NONE	#1; 2"- 3-1/2"	NONE	#3; 3-1/2"- 4"	5"	4"	NONE
2"	1-9/16"	5"	NONE	#1; 2"- 3-1/2"	NONE	#4; 5"- 6"	5"	5"	NONE
2-1/2"	1-7/8"	6"	NONE	#2; 4"- 6"	NONE	#4; 5"- 6"	6"	5"	NONE
3"	1-9/16"	6"	NONE	#2; 4"- 6"	NONE	#4; 5"- 6"	6"	6"	NONE
3-1/2"	1-13/16"	6"	NONE	#2; 4"- 6"	NONE	#4; 5"- 6"	8"	6"	NONE
4"	1-9/16"	8"	NONE	#3; 8"- 10"	NONE	#4; 5"- 6"	8"	8"	NONE
5"	1-1/2"	8"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	8"	8"	NONE
6"	1-1/2"	8"	NONE	#3; 8"- 10"	NONE	#5; 8"- 10"	10"	8"	NONE
8"	1-17/32"	10"	NONE	#4; 12"- 14"	NONE	#5; 8"- 10"	12"	10"	NONE
10"	1-9/16"	14"	NONE	#4; 12"- 14"	NONE	#6; 12"- 14"	14"	14"	12"
12"	1-9/16"	16"	NONE	#5; 16"- 20"	NONE	#6; 12"- 14"	16"	16"	14"
14" O.D.	1-1/2"	16"	NONE	#5; 16"- 20"	NONE	NONE	18"	18"	16"
16" O.D.	1-1/2"	18"	16"	#4; 12"- 14"	NONE	NONE	20"	18"	NONE
18" O.D.	1-1/2"	20"	18"	#5; 16"- 20"	NONE	NONE	24"	20"	NONE

SPECIFICATIONS

PIPE SIZE	FIG. NO.	COVER THICK.	A	B	C	WT. HD.
6"	341	1"	4-11/16"	5-1/2"	5-1/2"	450
6"	341A	1-1/2"	5-1/16"	5-15/16"	6-1/16"	550
6"	342	2-1/2"	6-1/16"	7-1/16"	7-1/8"	650
6"	342A	2-1/32"	5-9/16"	6-9/16"	6-5/8"	625
6"	343	3"	6-9/16"	7-5/8"	7-11/16"	900
6"	343A	4-1/8"	7-9/16"	8-5/8"	8-11/16"	1000
8"	341	1"	5-9/16"	6-9/16"	6-9/16"	575
8"	341A	1-17/32"	6-1/16"	7-1/8"	7-3/4"	775
8"	342	2-11/16"	7-1/4"	8-7/16"	8-7/16"	975
8"	342A	2-1/32"	6-9/16"	7-11/16"	7-11/16"	850
8"	343	3-1/8"	7-9/16"	8-3/4"	8-11/16"	1050
8"	343A	4-1/8"	8-9/16"	10-1/16"	9-13/16"	1275
10"	341	1"	6-9/16"	7-5/8"	7-3/4"	650
10"	341A	1-9/16"	7-3/16"	8-1/4"	8-1/2"	760
10"	342	2-9/16"	8-3/16"	9-1/2"	9-3/8"	1075
10"	342A	2-1/16"	7-11/16"	9-1/16"	8-7/8"	875
10"	343	3-1/16"	8-11/16"	10-3/16"	9-3/4"	1100
10"	343A	4-1/16"	9-11/16"	11-3/16"	11"	1387
12"	341	1"	7-11/16"	9-1/8"	8-15/16"	976
12"	341A	1-9/16"	8-3/16"	9-5/8"	9-7/16"	1100
12"	342	2-5/8"	9-5/16"	10-15/16"	10-3/4"	1650
12"	342A	2-1/16"	8-11/16"	10-1/8"	9-7/8"	1250
12"	343	3"	9-11/16"	11-5/16"	11-1/16"	1650
12"	343A	4-1/8"	10-11/16"	12-5/16"	12-1/16"	1870
14"	341	1"	8-3/8"	9-15/16"	9"	1062
14"	341A	1-1/12"	8-7/8"	10-7/16"	9-1/2"	1250
14"	342	2-1/2"	9-3/4"	11-3/8"	11-1/8"	1825
14"	342A	2"	9-3/8"	10-15/16"	10-3/4"	1318
14"	343	3"	10-1/4"	11-7/8"	11-5/8"	1825
14"	343A	4"	11-1/4"	11-3/16"	12-3/4"	1870
16"	341	1"	9-3/8"	11"	11-1/4"	1168
16"	341A	1-1/2"	9-7/8"	11-1/2"	11-3/4"	1250
16"	342	2-1/2"	10-7/8"	12-3/4"	12-1/2"	1825
16"	342A	2"	10-3/8"	12"	11-3/4"	1488
16"	343	3"	11-3/8"	13-1/4"	13"	1825
16"	343A	4"	12-7/16"	14-5/16"	13-7/8"	1870
18"	341	1"	10-3/8"	12"	11-3/4"	1265
18"	341A	1-1/2"	10-7/8"	12-1/2"	12-1/4"	1450
18"	342	2-1/2"	12"	13-15/16"	13-7/16"	1900
18"	342A	2"	11-1/4"	13-3/16"	12-11/16"	1510
18"	343	3"	12-1/2"	14-7/16"	13-15/16"	1900
18"	343A	4"	13-3/8"	5-5/16"	14-15/16"	1870
20"	341A	1-1/2"	12"	13-7/8"	13-3/8"	1500
20"	342	2-1/2"	13"	15"	14-5/8"	1900
20"	342A	2"	12-1/2"	14-3/8"	13-15/16"	1520
20"	343	3"	13-1/2"	15-1/2"	15-1/8"	1900
20"	343A	4"	14-1/4"	16-5/8"	16"	1870
24"	341A	1-1/2"	14"	16-3/8"	15-11/16"	1500
24"	342	2-1/2"	15"	17-1/2"	16-3/4"	1900
24"	342A	2"	14-1/2"	17"	16-1/4"	1520
24"	343	3"	15-1/2"	18"	17-1/4"	1900
24"	343A	4"	16-1/2"	18-7/8"	18-1/4"	1870

SPECIFICATIONS

PIPE SIZE	FIG. NO.	COVER THICK.	A	B	C	WT. HD.
3/4"	341	7/8"	1-1/2"	1-15/16"	2-1/16"	112
3/4"	341A	1-17/16"	2-1/8"	2-11/16"	2-3/4"	175
3/4"	342	2-3/4"	3-3/8"	3-15/16"	4"	262
3/4"	342A	2"	2-11/16"	3-1/4"	3-3/8"	263
1"	341	1-1/16"	1-7/8"	2-5/16"	2-7/16"	112
1"	341A	1-9/16"	2-5/16"	3-7/8"	3"	188
1"	342	2-5/8"	3-7/16"	4"	4-1/8"	262
1"	342A	2-1/8"	2-13/16"	3-3/8"	3-1/2"	263
1-1/4"	341	7/8"	1-13/16"	2-5/16"	2-7/16"	112
1-1/4"	341A	1-21/32"	2-21/32"	3-9/132"	3-11/32"	216
1-1/4"	342	2-7/16"	3-7/16"	4-1/16"	4-1/8"	250
1-1/4"	342A	2"	3"	3-5/8"	3-11/16"	275
1-1/2"	341	1"	1-15/16"	2-1/2"	2-5/8"	112
1-1/2"	341A	1-17/32"	2-9/16"	3-3/16"	3-1/4"	225
1-1/2"	342	2-13/16"	2-13/16"	3-7/16"	3-1/2"	250
1-1/2"	342A	2-5/16"	3-3/8"	4"	4-1/16"	288
2"	341	1-1/16"	2-1/4"	2-3/4"	2-7/8"	137
2"	341A	1-9/16"	2-13/16"	3-3/8"	3-7/16"	213
2"	342	2-5/8"	3-15/16"	4-5/8"	4-5/8"	350
2"	342A	2-1/8"	3-5/16"	4"	3-15/16"	325
2"	343	3-1/8"	4-3/8"	5-1/8"	5-1/16"	425
2-1/2"	341	1-1/16"	2-1/2"	3-1/4"	3-1/4"	212
2-1/2"	341A	1-7/8"	3-7/16"	4-1/8"	4-1/16"	300
2-1/2"	342	2-7/8"	4-7/16"	5-1/8"	5-1/8"	325
2-1/2"	342A	2-11/32"	3-29/32"	4-19/32"	4-17/32"	320
2-1/2"	343	3-3/8"	5"	5-13/16"	5-7/8"	688
3"	341	1"	2-7/8"	3-5/8"	3-1/2"	213
3"	341A	1-9/16"	3-7/16"	4-1/8"	4-1/16"	313
3"	342	2-9/16"	4-1/2"	5-1/4"	5-1/8"	362
3"	342A	2-1/16"	3-15/16"	4-11/16"	4-5/8"	345
3"	343	3-1/16"	4-15/16"	5-13-16"	5-15/16"	700
3-1/2"	341	1-1/4"	3-3/8"	4-1/4"	4"	237
3-1/2"	341A	1-13/16"	4"	4-11/16"	4-11/16"	313
3-1/2"	342	2-3/4"	4-15/16"	5-3/4"	5-5/8"	362
3-1/2"	342A	2-1/4"	4-7/16"	5-1/8"	5-1/8"	356
3-1/2"	343	3-5/16"	5-1/2"	6-3/8"	6-1/2"	700
4"	341	1-1/16"	3-9/16"	4-1/4"	4-3/16"	237
4"	341A	1-9/16"	3-15/16"	4-5/8"	4-9/16"	338
4"	342	2-9/16"	5"	5-13/16"	5-5/8"	512
4"	342A	2-1/16"	4-7/16"	5-1/4"	5-1/16"	388
4"	343	3-1/16"	5-7/16"	6-3/8"	6-7/16"	700
4"	343A	4-1/16"	6-7/16"	7-1/2"	7-1/2"	924
5"	341	1"	4-3/16"	4-15/16"	4-7/8"	275
5"	341A	1-1/2"	4-9/16"	5-3/8"	5-1/4"	487
5"	342	2-9/16"	5-5/8"	6-7/16"	6-5/8"	600
5"	342A	2"	5-1/16"	5-7/8"	6"	550
5"	343	3-1/16"	6"	7-1/16"	7"	750
5"	343A	4-3/16"	7-3/16"	8-3/16"	8-3/16"	972