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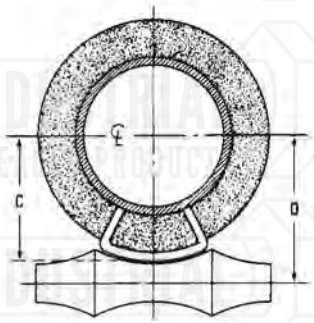
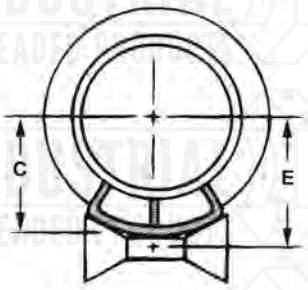
FIG. 1900 (1" INSULATION)
FIG. 1901 (1½" INSULATION)
FIG. 1902 (2" INSULATION)
FIG. 1903 (2½" INSULATION)
FIG. 1904 (3" INSULATION)
FIG. 1905 (4" INSULATION)
PIPE COVERING PROTECTION SADDLES

Manufactured in the USA



SADDLE WITH ROLL



Material:	Carbon steel (304 and 316 stainless steel).
Finish:	Plain, electro-galvanized.
Service:	Designed for use on insulated high temperature pipe lines to protect insulation from damage and minimize heat loss.
Approvals:	Complies with Federal Specification WW-H-171-E (Type# 40A and 40B), A-A- 1192A (Type# 39A and 39B) and Manufacturers' Standardization Society MSS SP 58 and SP 69 (Type#39A and 39B).
Ordering:	Specify pipe size, insulation size and/or figure number.
Notes:	All saddles are 12 inches long with side edges beveled in. Stainless steel and alloy saddles are available and priced on application.

(Charts on following 3 pages)

FIG. 1900-1905 PIPE COVERING PROTECTION SADDLES

(continued from previous page)

PIPE SIZE	FIG. NO.	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE USE WITH FIG. NO.			CENTER LINE OF PIPE TO OUTSIDE OF SADDLE, C	CENTER LINE OF PIPE TO CENTER LINE OF ROLL, D	CENTER LINE OF PIPE TO CENTER LINE OF ROLL, E	WGT EACH (lbs)	MAX REC LOAD (lbs)
			273 275 277	272	279-S					
3/4	1900	7/8	2	2 1/2	2-3 1/2	1 9/16	1 15/16	2 1/4	0.93	1200
	1901	1 7/16	3	3 1/2		2 1/8	2 5/8	2 7/8	1.74	1200
	1902	2 1/16	4	5		2 3/4	3 3/8	3 3/8	2.60	1200
1	1900	1 1/16	2 1/2	3		1 13/16	2 1/4	2 7/16	0.93	1200
	1901	1 9/16	3	4		2 7/16	2 15/16	3	1.74	1200
	1902	2 1/8	4	5		2 7/8	3 1/2	3 1/2	2.60	1200
1 1/4	1900	7/8	2 1/2	3		1 15/16	2 1/2	2 9/16	1.32	1200
	1901	1 5/8	3 1/2	5		2 9/16	3 1/8	3 3/16	1.82	1200
	1902	2 1/16	5	5		3 1/16	3 11/16	3 11/16	2.60	1200
1 1/2	1900	1	3	3 1/2		2 1/8	2 5/8	2 11/16	1.32	1200
	1901	1 1/2	3 1/2	5		2 11/16	3 1/4	3 5/16	1.82	1200
	1902	2 5/16	5	6	4-6	6 7/16	4 1/8	3 7/8	2.75	1800
	1903	2 13/16	7	7		3 13/16	4 5/8	4 1/2	3.01	1800
2	1900	1 1/16	3 1/2	4	2-3 1/2	2 7/16	3	3 1/16	1.34	1200
	1901	1 9/16	4	5		2 7/8	3 1/2	3 9/16	1.98	1200
	1902	2 1/8	5	6	4-6	3 11/16	4 3/8	4 3/16	2.80	1800
	1903	2 5/8	7	7		3 15/16	4 3/4	4 3/4	3.18	1800
	1904	3 1/8	8	8		4 11/16	5 1/2	5 1/4	3.97	1800
2 1/2	1900	1 1/16	3 1/2	5	2-3 1/2	2 11/16	3 1/4	3 5/16	1.34	1200
	1901	1 7/8	5	6	4-6	3 3/4	4 1/8	3 15/16	1.98	1200
	1902	2 5/16	6	7		3 15/16	4 5/8	4 1/2	2.80	1800
	1903	2 7/8	7	7		4 7/16	5 1/4	5	3.20	1800
	1904	3 3/8	8	10		4 15/16	5 3/4	5 1/2	3.98	1800
3	1900	1	4	5	2-3 1/2	2 15/16	3 1/2	3 9/16	1.48	1200
	1901	1 9/16	5	6	4-6	3 1/2	4 3/16	4 1/4	2.08	1800
	1902	2 1/16	7	7		4 1/8	4 7/8	4 11/16	2.90	1800
	1903	2 9/16	8	8		4 11/16	5 3/8	5 5/16	3.01	1800
	1904	3 1/16	10	10	8-10	5	5 15/16	6 1/16	4.49	1800
3 1/2	1900	1 1/4	5	6	4-6	3 7/16	4	3 15/16	1.48	1200
	1901	1 13/16	7	7		4	4 11/16	4 1/2	2.08	1800
	1902	2 1/4	8	8		4 3/8	5 3/16	5	2.90	1800
	1903	2 3/4	8	10	8-10	4 13/16	5 3/4	5 11/16	3.43	1800
	1904	3 5/16	10	10		5 1/2	6 7/16	6 3/8	4.49	1800

(additional chart on the following page)

FIG. 1900-1905 PIPE COVERING PROTECTION SADDLES

(continued from previous page)

PIPE SIZE	FIG. NO.	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE USE WITH FIG. NO. 273 275 277	HANGER ROLLER SIZE USE WITH FIG. NO. 272	HANGER ROLLER SIZE USE WITH FIG. NO. 279-S	CENTER LINE OF PIPE TO OUTSIDE OF SADDLE, C	CENTER LINE OF PIPE TO CENTER LINE OF ROLL, D	CENTER LINE OF PIPE TO CENTER LINE OF ROLL, E	WGT EACH (lbs)	MAX REC LOAD (lbs)
4	1900	11/16	5	6	4-6	3 9/16	4 3/16	4 3/16	1.58	1800
	1901	19/16	7	7		3 7/8	4 11/16	4 3/4	2.14	1800
	1902	2 1/16	8	8		4 11/16	5 1/2	5 1/4	2.95	1800
	1903	2 9/16	8	10	8-10	5 1/8	6 1/16	6	3.43	1800
	1904	3 1/16	10	10		5 9/16	6 1/2	6 5/8	4.49	1800
	1905	4 1/16	12	14		6 9/16	7 11/16	7 9/16	6.09	1800
5	1900	1	7	7	4-6	4 1/8	4 13/16	4 3/4	2.62	1800
	1901	1 1/2	8	8		4 1/2	5 5/16	5 3/8	3.30	1800
	1902	2	8	10	8-10	4 15/16	5 7/8	6 1/8	3.45	1800
6	1900	1	8	8	4-6	4 9/16	5 3/8	5 1/4	3.82	1800
	1901	1 1/2	8	10	8-10	5 1/16	5 7/8	6	4.28	1800
	1902	2	10	12		5 1/2	6 1/2	6 1/2	5.40	1800
	1903	2 1/2	10	12		6 1/16	7 1/16	7 1/4	6.85	1800
	1904	3	12	12		6 9/16	7 5/8	7 5/8	7.69	1800
	1905	4 1/8	14	16	12-14	7 5/8	9 1/8	8 3/4	10.24	1800
8	1901	1 1/2	10	12	8-10	6	7 1/8	7 1/16	5.82	1800
	1902	2	12	12		6 1/2	7 5/8	7 9/16	6.41	1800
	1903	2 11/16	12	14		7 1/4	8 5/16	8 5/16	7.21	1800
	1904	3 1/8	14	16	12-14	7 5/8	9 1/8	8 3/4	9.14	1800
	1905	4 1/8	16	18		8 11/16	10 1/8	9 7/8	10.24	1800
10	1901	1 9/16	12	14	8-10	7 1/4	8 5/16	8 5/16	6.66	1800
	1902	2 1/16	14	16	12-14	7 5/8	9 1/16	8 13/16	8.57	1800
	1903	2 9/16	14	16		8 3/16	9 5/8	9 5/16	8.91	1800
	1904	3 1/16	16	18	16-20	8 7/8	10 1/4	10	11.10	1800
	1905	4 1/16	18	20		9 11/16	11 5/16	11 1/8	14.10	1800
12	1901	1 1/2	14	16	12-14	8 1/16	9 5/8	9 1/4	7.61	5000
	1902	2 1/16	16	18	16-20	813/16	10 3/16	10	8.73	5000
	1903	2 5/8	16	18		91/8	10 11/16	10 1/2	9.69	5000
	1904	3 1/16	18	20		911/16	11 5/16	11	11.38	5000
	1905	4 1/8	20	--		1013/16	12 3/8	12 3/16	14.20	5000
14	1901	1 1/2	16	18	12-14	87/8	10 3/16	10 1/16	7.67	5000
	1902	2	16	18	16-20	91/4	10 3/4	10 11/16	9.43	5000
	1903	2 1/2	18	20		93/4	11 5/16	11 3/16	9.69	5000
	1904	3	18	20		101/4	11 7/8	11 5/8	11.82	5000
	1905	4	20	--	24	117/16	13 1/8	12 5/8	18.48	7200

FIG. 1900-1905 PIPE COVERING PROTECTION SADDLES

(continued from previous page)

PIPE SIZE	FIG. NO.	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE USE WITH FIG. NO. 273 275 277	HANGER ROLLER SIZE USE WITH FIG. NO. 272	HANGER ROLLER SIZE USE WITH FIG. NO. 279-S	CENTER LINE OF PIPE TO OUTSIDE OF SADDLE, C	CENTER LINE OF PIPE TO CENTER LINE OF ROLL, D	CENTER LINE OF PIPE TO CENTER LINE OF ROLL, E	WGT EACH (lbs)	MAX REC LOAD (lbs)
16	1901	1 1/2	18	20	16-20	9 7/8	11 3/8	11 1/8	8.35	5000
	1902	2				10 1/4	11 7/8	11 9/16	10.00	5000
	1903	2 1/2	20	--		10 7/8	12 7/16	12 3/16	14.62	7200
	1904	3	24	--	24	11 3/16	13 1/8	12 7/16	18.17	7200
	1905	4		--		12 5/16	14 3/16	12 3/16	21.80	7200
18	1901	1 1/2	20	--	16-20	10 7/8	12 1/2	12 3/16	8.92	5000
	1902	2		--	24	11 1/2	13 1/16	12 11/16	13.19	7200
	1903	2 1/2	24	--		12	13 15/16	13 1/16	16.89	7200
	1904	3		--		12 5/16	14 1/4	13 5/8	18.20	7200
	1905	4		--		13 1/2	15 7/16	14 3/4	21.95	7200
20	1901	1 1/2	24	--	24	11 3/4	13 11/16	13 1/16	13.76	7200
	1902	2		--		12 5/16	14 1/4	13 5/8	14.98	7200
	1903	2 1/2		--		12 7/8	14 13/16	14 3/16	16.79	7200
	1904	3		--		13 1/2	15 1/2	14 3/4	18.40	7200
	1905	4	30	--	30	143/16	16 5/8	15 7/8	22.83	7200
24	1901	1 1/2		--		135/8	16 1/16	15 1/4	16.05	7200
	1902	2		--		143/16	16 5/8	15 3/4	17.62	7200
	1903	2 1/2		--		143/4	17 3/16	16 7/16	18.75	7200
	1904	3		--		153/8	17 13/16	17	19.72	7200
	1905	4		--		169/16	19	19 1/4	23.14	7200