



PIPE COVERING PROTECTION SADDLES

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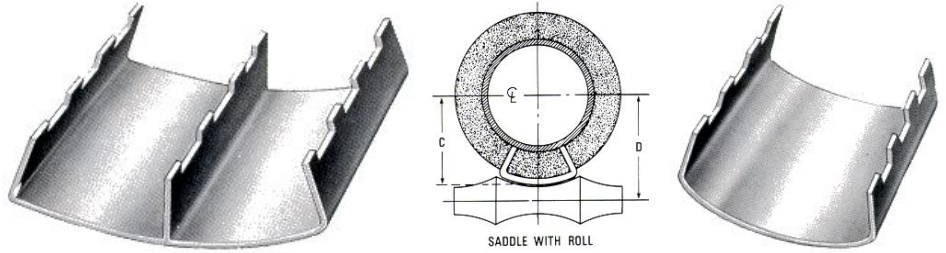
EMPIRE INDUSTRIES, INC. FIG. #1900 - 1905
ERICO FIG. #160 - 165
TOLCO FIG. #260-1 TO 265-4

MATERIAL: CARBON STEEL

FINISH: BLACK ELECTRO-GALVANIZED
 PAINTED HOT DIPPED GALVANIZED

SERVICE: FOR SUSPENSION OF INSULATED PIPE WHERE HEAT LOSSES ARE TO BE KEPT AT A MINIMUM.

APPROVALS: COMPLIES WITH FEDERAL SPECIFICATION WW-H-171E (TYPE 40A OR 40B) AND MANUFACTURERS STANDARDIZATION SOCIETY SP-58 AND SP-69 (TYPE 39A OR 39B)



PIPE SIZE	INS SIZE	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZES		CENTER LINE OF PIPE TO OUTSIDE OF SADDLE, C	CENTER LINE OF PIPE TO CENTER LINE OF ROLL D	WGT./C APPROX.	MAX. REC. LOAD, LB.
3/4	1	7/8	2	2 1/2	1 9/16	1 15/16	93	1200
3/4	1 1/2	1 7/16	3	3 1/2	2 1/8	2 5/8	174	1200
3/4	2	2 1/16	4	5	2 3/4	3 3/8	260	1200
1	1	1 1/16	2 1/2	3	1 13/16	2 1/4	93	1200
1	1 1/2	1 9/16	3	4	2 7/16	2 15/16	174	1200
1	2	2 1/8	4	5	2 7/8	3 1/2	260	1200
1 1/4	1	7/8	2 1/2	3	1 15/16	2 1/2	132	1200
1 1/4	1 1/2	1 5/8	3 1/2	5	2 9/16	3 1/8	182	1200
1 1/4	2	2 1/16	5	5	3 1/16	3 11/16	260	1200
1 1/2	1	1	3	3 1/2	2 1/8	2 5/8	132	1200
1 1/2	1 1/2	1 1/2	3 1/2	5	2 11/16	3 1/4	182	1200
1 1/2	2	2 5/16	5	6	3 7/16	4 1/8	275	1800
1 1/2	2 1/2	2 13/16	7	7	3 13/16	4 5/8	301	1800
2	1	1 1/16	3 1/2	4	2 7/16	3	134	1200
2	1 1/2	1 9/16	4	5	2 7/8	3 1/2	198	1200
2	2	2 1/8	5	6	3 11/16	4 3/8	280	1800
2	2 1/2	2 5/8	7	7	3 15/16	4 3/4	318	1800
2	3	3 1/8	8	8	4 11/16	5 1/2	397	1800
2 1/2	1	1 1/16	3 1/2	5	2 11/16	3 1/4	134	1200
2 1/2	1 1/2	1 7/8	5	6	3 3/4	4 1/8	198	1200
2 1/2	2	2 5/16	6	7	3 15/16	4 5/8	280	1800
2 1/2	2 1/2	2 7/8	7	7	4 7/16	5 1/4	320	1800
2 1/2	3	3 3/8	8	10	4 15/16	5 3/4	398	1800
3	1	1	4	5	2 15/16	3 1/2	148	1200
3	1 1/2	1 9/16	5	6	3 1/2	4 3/16	208	1800
3	2	2 1/16	7	7	4 1/8	4 7/8	290	1800
3	2 1/2	2 9/16	8	8	4 11/16	5 3/8	301	1800
3	3	3 1/16	10	10	5	5 15/16	449	1800
3 1/2	1	1 1/4	5	6	3 7/16	4	148	1200
3 1/2	1 1/2	1 13/16	7	7	4	4 11/16	208	1800
3 1/2	2	2 1/4	8	8	4 3/8	5 3/16	290	1800
3 1/2	2 1/2	2 3/4	8	10	4 13/16	5 3/4	343	1800
3 1/2	3	3 5/16	10	10	5 1/2	6 7/16	449	1800

SUBMITTAL INFORMATION

CUSTOMER:		APPROVAL STAMP	
PROJECT NAME:			
PROJECT NUMBER:	SECTION:		
PARAGRAPH:	OTHER:		



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PIPE SIZE	INS SIZE	ACTUAL THICKNESS OF COVERING	HANGER ROLLER SIZE		CENTERLINE OF PIPE TO OUTSIDE OF SADDLE, C	CENTERLINE OF PIPE TO CENTERLINE OF ROLL D	WGT./C APPROX	MAX. REC. LOAD, LB.
4	1	1 1/16	5	6	3 9/16	4 3/16	158	1800
4	1 1/2	1 9/16	7	7	3 7/8	4 11/16	214	1800
4	2	2 1/16	8	8	4 11/6	5 1/2	295	1800
4	2 1/2	2 9/16	8	10	5 1/8	6 1/16	343	1800
4	3	3 1/16	10	10	5 9/16	6 1/2	449	1800
4	4	4 1/16	12	14	6 9/16	7 11/16	609	1800
5	1	1	7	7	4 1/8	4 13/16	262	1800
5	1 1/2	1 1/2	8	8	4 1/2	5 5/16	330	1800
5	2	2	8	10	4 15/16	5 7/8	345	1800
5	2 1/2	2 9/16	10	12	5 9/16	6 1/2	685	1800
5	3	3 1/6	10	12	6 1/8	7 1/16	449	1800
5	4	4 3/16	12	14	7 3/16	8 1/4	609	1800
6	1	1	8	8	4 9/16	5 3/8	382	1800
6	1 1/2	1 1/2	8	10	5 1/16	5 7/8	428	1800
6	2	2	10	10	5 1/2	6 1/2	540	1800
6	2 1/2	2 1/2	10	12	6 1/16	7 1/16	685	1800
6	3	3	12	12	6 9/16	7 5/8	769	1800
6	4	4 1/8	14	16	7 5/8	9 1/8	1024	1800
8	1 1/2	1 1/2	10	12	6	7 1/8	582	1800
8	2	2	12	12	6 1/2	7 5/8	641	1800
8	2 1/2	2 11/16	12	14	7 1/4	8 5/16	721	1800
8	3	3 1/8	14	16	7 5/8	9 1/8	914	1800
8	4	4 1/8	16	18	8 11/16	10 1/8	1024	1800
10	1 1/2	1 9/16	12	14	7 1/4	8 5/16	666	1800
10	2	2 1/16	14	16	7 5/8	9 1/16	857	1800
10	2 1/2	2 9/16	14	16	8 3/16	9 5/8	891	1800
10	3	3 1/16	16	18	8 7/8	10 1/4	1110	1800
10	4	4 1/16	18	20	9 11/16	11 5/16	1410	1800
12	1 1/2	1 1/2	14	16	8 1/6	9 5/8	761	5000
12	2	2 1/16	16	18	8 13/16	10 3/16	873	5000
12	2 1/2	2 5/8	16	18	9 1/8	10 11/16	969	5000
12	3	3 1/16	18	20	9 11/16	11 5/16	1138	5000
12	4	4 1/8	20	-	10 13/16	12 3/8	1420	5000
14	1 1/2	1 1/2	16	18	8 7/8	10 3/16	767	5000
14	2	2	16	18	9 1/4	10 3/4	943	5000
14	2 1/2	2 1/2	18	20	9 3/4	11 5/16	969	5000
14	3	3	18	20	10 1/4	11 7/8	1182	5000
14	4	4	20	-	11 7/16	13 1/8	1848	7200
16	1 1/2	1 1/2	18	20	9 7/8	11 3/8	835	5000
16	2	2	18	20	10 1/4	11 7/8	1000	5000
16	2 1/2	2 1/2	20	-	10 7/8	12 7/16	1462	7200
16	3	3	24	-	11 3/16	13 1/8	1817	7200
16	4	4	24	-	12 5/16	14 3/16	2180	7200
18	1 1/2	1 1/2	20	-	10 7/8	12 1/2	892	5000
18	2	2	20	-	11 1/2	13 1/16	1319	7200
18	2 1/2	2 1/2	24	-	12	13 15/16	1689	7200
18	3	3	24	-	12 5/16	14 1/4	1820	7200
18	4	4	24	-	13 1/2	15 7/16	2195	7200
20	1 1/2	1 1/2	24	-	11 3/4	13 11/16	1376	7200
20	2	2	24	-	12 5/16	14 1/4	1498	7200
20	2 1/2	2 1/2	24	-	12 7/8	14 13/16	1679	7200
20	3	3	24	-	13 1/2	15 1/2	1840	7200
20	4	4	30	-	14 3/16	16 5/8	2283	7200
24	1 1/2	1 1/2	30	-	13 5/8	16 1/16	1605	7200
24	2	2	30	-	14 3/6	16 5/8	1762	7200
24	2 1/2	2 1/2	30	-	14 3/4	17 3/16	1875	7200
24	3	3	30	-	15 3/8	17 13/16	1972	7200
24	4	4	30	-	16 9/16	19	2314	7200

MATERIAL: CARBON STEEL

FINISH: BLACK PAINTED
 ELECTRO-GALVANIZED
 HOT DIPPED GALVANIZED

SERVICE: FOR SUSPENSION OF INSULATED PIPE WHERE HEAT LOSSES ARE TO BE KEPT AT A MINIMUM

APPROVALS: COMPLIES WITH FEDERAL SPECIFICATION WW-H-171E (TYPE 40A OR 40B) AND MANUFACTURERS STANDARDIZATION SOCIETY SP-58 AND SP-69 (TYPE 39A OR 39B)

