

AISI Thickness Tolerance Ranges

Carbon Steel Sheets/Hot Rolled • H.R.P.&O. • Cold Rolled

Gage No.	Thickness, inches		lbs. per sq.ft.	Gage No.	Thickness, inches		lbs. per sq.ft.
	Dec. Equiv.	Tol. Range			Dec. Equiv.	Tol. Range	
		H.R.& P.&O.				C.R.	
4	.2242	.2332 .2152	9.375	19	.0418	.0458 .0378	1.75
5	.2092	.2182 .2002	8.75	20	.0359	.0389 .0329	1.5
6	.1943	.2033 .1853	8.125	21	.0329	.0359 .0299	1.375
7	.1793	.1873 .1713	7.5	22	.0299	.0329 .0269	1.25
8	.1644	.1724 .1564	6.875	23	.0269	.0299 .0239	1.125
9	.1495	.1575 .1415	6.25	24	.0239	.0269 .0209	1.0
10	.1345	.1425 .1265	5.625	25	.0209	.0239 .0179	.875
11	.1196	.1276 .1116	5.0	26	.0179	.0199 .0159	.75
12	.1046	.1126 .0966	4.375	27	.0164	.0184 .0144	.688
13	.0897	.0967 .0827	3.75	28	.0149	.0169 .0129	.625
14	.0747	.0817 .0677	3.125	29	.0135	.0155 .0115	.562
15	.0673	.0733 .0613	2.812	30	.0120	.0130 .0110	.50
16	.0598	.0658 .0538	2.5				
17	.0538	.0598 .0478	2.25				
18	.0478	.0528 .0428	2.00				

Weight equivalents based on density of .2904 lb. per cubic inch
 12 - tolerances shown are for widths over 40" to 60" inclusive
 All other gages - tolerances shown are for widths over 32" to 60" inclusive

WEIGHT PER PIECE:**ESSERMAN
STEEL INC.**

<u>10GA</u>		<u>11GA</u>		<u>12GA</u>		<u>14GA</u>		<u>16GA</u>		<u>1/8' FP</u>		<u>1/4' FP</u>	
48 X 96	180	48 X 96	160	48 X 96	140	48 X 96	100	48 X 96	80	48 X 96	197	48 X 96	360
48 X 120	225	48 X 120	200	48 X 120	175	48 X 120	125	48 X 120	100	48 X 120	246	48 X 120	450
48 X 144	270	48 X 144	240	48 X 144	210	48 X 144	150	48 X 144	120	48 X 144	295	48 X 144	540
60 X 96	225	60 X 96	200	60 X 96	175	60 X 96	125	60 X 96	100	60 X 96	246	60 X 96	450
60 X 120	281	60 X 120	250	60 X 120	219	60 X 120	156	60 X 120	125	60 X 120	308	60 X 120	563
60 X 144	338	60 X 144	300	60 X 144	263	60 X 144	188	60 X 144	150	60 X 144	369	60 X 144	676
72 X 96	270	72 X 96	240	72 X 96	210	72 X 96	150	72 X 96	120	<u>3/16' FP</u>		<u>12GA FP</u>	
72 X 120	338	72 X 120	300	72 X 120	263	72 X 120	188	72 X 120	150	48 X 96	279	48 X 96	168
72 X 144	405	72 X 144	360	72 X 144	315	72 X 144	225	72 X 144	180	48 X 120	348	48 X 120	210
										48 X 144	418	48 X 144	252
<u>1/2'</u>		<u>1/4'</u>		<u>3/16'</u>		<u>3/8'</u>							
48 X 96	653	48 X 96	327	48 X 96	245	48 X 96	490			60 X 96	348	60 X 96	210
48 X 120	817	48 X 120	408	48 X 120	306	48 X 120	613			60 X 120	436	60 X 120	263
48 X 144	980	48 X 144	490	48 X 144	368	48 X 144	735			60 X 144	523	60 X 144	315
60 X 96	817	60 X 96	408	60 X 96	306	60 X 96	306			<u>14GA FP</u>		<u>3/8 FP</u>	
60 X 120	1021	60 X 120	510	60 X 120	383	60 X 120	383			48 X 96	120	48 X 96	524
60 X 144	1225	60 X 144	613	60 X 144	459	60 X 144	919			48 X 120	150	48 X 120	655
										48 X 144	180	48 X 144	786
72 X 96	980	72 X 96	490	72 X 96	368	72 X 96	735						
72 X 120	1225	72 X 120	613	72 X 120	459	72 X 120	919			60 X 96	150	60 X 96	655
72 X 144	1470	72 X 144	735	72 X 144	551	72 X 144	1103			60 X 120	188	60 X 120	819
										60 X 144	225	60 X 144	982