

AJAX METAL FORMING MATERIAL GAUGE CHART

GAUGE	HOT ROLLED/HR P&O/COLD ROLLED				GALVANIZED			STAINLESS STEEL			COPPER/BRASS			ALUMINUM		
	Decimal Equivalent	Tolerance Range		LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.
4	0.2242	.2332 .2152		9.375										0.1900	.1970 .1830	2.690
5	0.2092	.2182 .2002		8.750										0.1600	.1670 .1530	2.250
6	0.1943	.2033 .1853		8.125										0.1250	.1285 .1215	1.760
7	0.1793	.1873 .1713	.1873 .1713	7.500				0.1874	.1944 .1804	7.871				0.1000	.1035 .0965	1.410
8	0.1644	.1724 .1564	.1724 .1564	6.875	0.1681	.1771 .1591	7.031	0.165	.1720 .1580	6.93	0.1681	.1771 .1591	7.031	0.0900	.0935 .0865	1.270
9	0.1495	.1575 .1415	.1575 .1415	6.250	0.1532	.1622 .1442	6.406				0.1532	.1622 .1442	6.406	0.0800	.0835 .0765	1.130
10	0.1345	.1425 .1265	.1405 .1285	5.625	0.1382	.1472 .1292	5.781	0.135	.1410 .1290	5.67	0.1382	.1472 .1292	5.781	0.0710	.0740 .0680	1.000
11	0.1196	.1276 .1116	.1256 .1136	5.000	0.1233	.1323 .1143	5.156	0.12	.1250 .1150	5.04	0.1233	.1323 .1143	5.156	0.0630	.0660 .0600	0.889
12	0.1046	.1126 .0966	.1106 .0986	4.375	0.1084	.1174 .0994	4.531	0.1054	.1104 .1004	4.41	0.1084	.1174 .0994	4.531	0.0500	.0530 .470	0.706
13	0.0897	.0967 .0827	.0947 .0847	3.750	0.0934	.1014 .0854	3.906	0.09	.0940 .0860	3.78	0.0934	.1014 .0854	3.906	0.4000	.0420 .0380	0.564
14	0.0747	.0817 .0677	.0797 .0697	3.125	0.0785	.0865 .0705	3.281	0.0751	.0791 .0711	3.154	0.0785	.0865 .0705	3.281	0.0320	.0340 .0300	0.452
15	0.0673	.0733 .0613	.0723 .0623	2.813	0.071	.07770 .0650	2.969				0.071	.0770 .0650	2.969	0.250	.0275 .0225	0.353
16	0.0598	.0658 .0538	.0648 .0548	2.500	0.0635	.0695 .0575	2.656	0.0595	.0625 .0565	2.499	0.0635	.0695 .0575	2.656	0.0200	.0225 .0175	0.282
17	0.0538	.0598 .0478	.0578 .0498	2.250	0.0575	.0625 .0525	2.406				0.0575	.0625 .0525	2.406	0.0160	.0185 .0135	0.225
18	0.0478	.0528 .0428	.0518 .0438	2.000	0.0516	.0566 .0466	2.156	0.048	.0510 .0450	2.016	0.0516	.0566 .0466	2.156			
19	0.0418		.0458 .0378	1.750	0.0456	.0506 .0406	1.906	0.042	.0450 .0390	1.764	0.0456	.0506 .0406	1.906			
20	0.0359		.0389 .0329	1.500	0.0396	.0436 .0356	1.656	0.0355	.0375 .0335	1.491	0.0396	.0436 .0356	1.656			
21	0.0329		.0359 .0299	1.375	0.0366	.0406 .0326	1.531				0.0366	.0406 .0326	1.531			
22	0.0299		.0329 .0269	1.250	0.0336	.0376 .0296	1.406	0.0293	.0313 .0273	1.231	0.0336	.0376 .0296	1.406			
23	0.0269		.0299 .0239	1.125	0.0306	.0346 .0266	1.281				0.0306	.0346 .0266	1.281			
24	0.0239		.0269 .0209	1.000	0.0276	.0316 .0236	1.156	0.0235	.0250 .0220	0.987	0.0276	.0316 .0236	1.156			
25	0.0209		.0239 .0179	0.875	0.0247	.0287 .0207	1.031				0.0247	.0287 .0207	1.031			
26	0.0179		.0199 .0159	0.750	0.0217	.0247 .0187	0.906	0.0178	.0193 .0163	0.748	0.0217	.0247 .0187	0.906			
27	0.0164		.0184 .0144	0.688	0.0202	.0232 .0172	0.844				0.0202	.0232 .0172	0.844			
28	0.0149		.0169 .0129	0.625	0.0187	.0217 .0157	0.781	0.0151	.0166 .0136	0.634	0.0187	.0217 .0157	0.781			
29					0.0172	.0202 .0142	0.719				0.0172	.0202 .0142	0.719			
30					0.0157	.0187 .0127	0.656				0.0157	.0187 .0127	0.656			

Highlighted Cell Indicates
Material Currently In Stock

Weights are based on 1100,
5005, and 6061 alloys.
Multiply weights by the
following factors:

Alloy	Factor
3003	1.01
2024	1.02
5052	.099
7075	1.03



For more information contact Ajax Sales Engineering at 763-277-7760 or ajaxmfs.com
Ajax Metal Forming Solutions, 7773 Ranchers Road, Minneapolis, MN 55432