



SHANDONG UNION ALUMINIUM CO., LTD
FOCUS ON ALUMINIUM PRODUCTION

6082 ALUMINIUM SHEET & PLATE

STOCK GUIDE

A focused stock guide for 6082-T6 and 6082-T651 sheet and plate, developed for structural, transport and machinery projects. Imperial and metric dimensions are paired with nominal weights to support specification review, material planning and purchasing.

IN THIS GUIDE

01

6082-T6 Aluminium Sheet & Plate

03

6082-T651 Aluminium Sheet & Plate



6082-T6 Aluminium Sheet & Plate

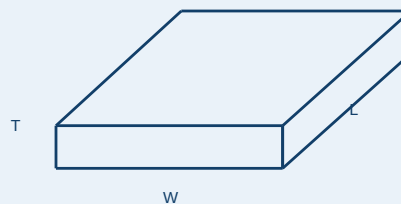
6082 ALUMINIUM STOCK GUIDE

UNION AL

SPEC

EN 485

DIMENSION REFERENCE



Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
0.039	59.055	118.110	26.786	12.150	1	1500	3000
0.059	59.055	118.110	40.179	18.225	1.5	1500	3000
0.079	59.055	118.110	53.572	24.300	2	1500	3000
0.098	59.055	118.110	66.965	30.375	2.5	1500	3000
0.118	59.055	118.110	80.358	36.450	3	1500	3000
0.157	59.055	118.110	107.145	48.600	4	1500	3000
0.197	59.055	118.110	133.931	60.750	5	1500	3000
0.236	59.055	118.110	160.717	72.900	6	1500	3000
0.315	59.055	118.110	214.289	97.200	8	1500	3000
0.394	59.055	118.110	267.862	121.500	10	1500	3000
0.472	59.055	118.110	321.434	145.800	12	1500	3000
0.551	59.055	118.110	375.006	170.100	14	1500	3000
0.591	59.055	118.110	401.792	182.250	15	1500	3000
0.630	59.055	118.110	428.579	194.400	16	1500	3000
0.709	59.055	118.110	482.151	218.700	18	1500	3000
0.787	59.055	118.110	535.723	243.000	20	1500	3000

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T6 Aluminium Sheet & Plate

6082 ALUMINIUM STOCK GUIDE

UNION AL

CONTINUED

Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
0.866	59.055	118.110	589.296	267.300	22	1500	3000
0.984	59.055	118.110	669.654	303.750	25	1500	3000
1.102	59.055	118.110	750.013	340.200	28	1500	3000
1.181	59.055	118.110	803.585	364.500	30	1500	3000
1.260	59.055	118.110	857.157	388.800	32	1500	3000
1.378	59.055	118.110	937.516	425.250	35	1500	3000
1.575	59.055	118.110	1071.447	486.000	40	1500	3000
1.772	59.055	118.110	1205.377	546.750	45	1500	3000
1.969	59.055	118.110	1339.308	607.500	50	1500	3000
2.165	59.055	118.110	1473.239	668.250	55	1500	3000
2.362	59.055	118.110	1607.170	729.000	60	1500	3000
2.559	59.055	118.110	1741.101	789.750	65	1500	3000
2.756	59.055	118.110	1875.032	850.500	70	1500	3000
2.953	59.055	118.110	2008.962	911.250	75	1500	3000
3.150	59.055	118.110	2142.893	972.000	80	1500	3000
3.346	59.055	118.110	2276.824	1032.750	85	1500	3000
3.543	59.055	118.110	2410.755	1093.500	90	1500	3000
3.740	59.055	118.110	2544.686	1154.250	95	1500	3000
3.937	59.055	118.110	2678.616	1215.000	100	1500	3000

Ordering & service notes

- Standard mill sheets are commonly supplied in 1200 x 2400, 1220 x 2440, 1500 x 3000 and 1520 x 3040 mm; other dimensions can be reviewed against quantity.
- Sawing, shearing, trimming and CNC preparation can be coordinated to reduce downstream handling and material waste.
- Small-lot and trial requirements are welcome. Dispatch timing is confirmed after live stock, processing and inspection needs are checked.
- Project and repeat-order pricing is available for consolidated specifications and volume demand.
- Weights shown are calculated from nominal density and dimensions; final shipment weights may vary with mill tolerances.

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T651 Aluminium Sheet & Plate

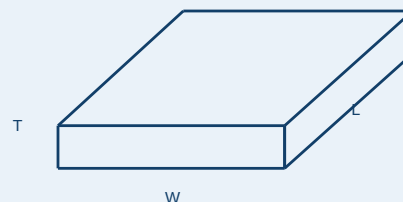
6082 ALUMINIUM STOCK GUIDE

UNION AL

SPEC

EN 485

DIMENSION REFERENCE



Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
0.157	59.055	118.110	107.145	48.600	4	1500	3000
0.315	59.055	118.110	214.289	97.200	8	1500	3000
0.394	59.055	118.110	267.862	121.500	10	1500	3000
0.472	59.055	118.110	321.434	145.800	12	1500	3000
0.591	59.055	118.110	401.792	182.250	15	1500	3000
0.630	59.055	118.110	428.579	194.400	16	1500	3000
0.709	59.055	118.110	482.151	218.700	18	1500	3000
0.787	59.055	118.110	535.723	243.000	20	1500	3000
0.984	59.055	118.110	669.654	303.750	25	1500	3000
1.181	59.055	118.110	803.585	364.500	30	1500	3000
1.378	59.055	118.110	937.516	425.250	35	1500	3000
1.575	59.055	118.110	1071.447	486.000	40	1500	3000
1.772	59.055	118.110	1205.377	546.750	45	1500	3000
1.969	59.055	118.110	1339.308	607.500	50	1500	3000
2.165	59.055	118.110	1473.239	668.250	55	1500	3000
2.362	59.055	118.110	1607.170	729.000	60	1500	3000
2.559	59.055	118.110	1741.101	789.750	65	1500	3000
2.756	59.055	118.110	1875.032	850.500	70	1500	3000
2.953	59.055	118.110	2008.962	911.250	75	1500	3000
3.150	59.055	118.110	2142.893	972.000	80	1500	3000
3.543	59.055	118.110	2410.755	1093.500	90	1500	3000

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6082-T651 Aluminium Sheet & Plate

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UNION AL

CONTINUED

Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
3.937	59.055	118.110	2678.616	1215.000	100	1500	3000
4.331	59.055	118.110	2946.478	1336.500	110	1500	3000
4.724	59.055	118.110	3214.340	1458.000	120	1500	3000
5.118	59.055	118.110	3482.201	1579.500	130	1500	3000
5.512	59.055	129.528	4112.569	1865.430	140	1500	3290
5.906	59.055	129.528	4406.324	1998.675	150	1500	3290
6.299	59.055	118.110	4285.786	1944.000	160	1500	3000
6.693	59.055	118.110	4553.648	2065.500	170	1500	3000
7.087	59.055	118.110	4821.510	2187.000	180	1500	3000
7.480	59.055	118.110	5089.371	2308.500	190	1500	3000
7.874	59.055	118.110	5357.233	2430.000	200	1500	3000
8.268	59.055	118.110	5625.095	2551.500	210	1500	3000
8.661	59.055	118.110	5892.956	2673.000	220	1500	3000
8.661	59.055	118.110	5892.956	2673.000	220	1500	3000
9.055	59.055	118.110	6160.818	2794.500	230	1500	3000
9.449	59.055	118.110	6428.680	2916.000	240	1500	3000
9.843	59.055	118.110	6696.541	3037.500	250	1500	3000

Ordering & service notes

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Nominal stock data; confirm live availability, tolerances and certification when ordering.



LET'S PLAN YOUR 6082 SUPPLY

Send the temper, dimensions, quantity, application, destination and certification needs. Our team will review stock, processing options and a practical delivery schedule for your project.

EMAIL

sales@unionalu.com

WHATSAPP

+86 195 6061 7075

WEB

www.unionalu.com

LOCATION

1F, Building 3, Xiangyi Industrial Park Science & Technology Innovation Incubation Park,
Houma Economic Development Zone, Linfen, Shanxi, China

Shandong Union Aluminium Co., Ltd

Flexible supply. Clear specifications. Reliable delivery.