



SHANDONG UNION ALUMINIUM CO., LTD
FOCUS ON ALUMINIUM PRODUCTION

5083 ALUMINIUM SHEET & PLATE

STOCK GUIDE

A concise stock reference for 5083-O, 5083-H111 and 5083-H112 sheet and plate, prepared for marine, transport, fabrication and welded structural applications. Imperial and metric dimensions are shown with nominal weights for faster material planning.

IN THIS GUIDE

- 01 5083-O Aluminium Plate
- 02 5083-H111 Aluminium Sheet & Plate
- 04 5083-H112 Aluminium Sheet & Plate



5083-O Aluminium Plate

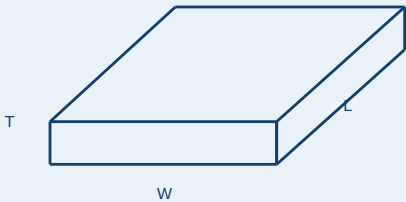
5083 ALUMINIUM STOCK GUIDE

UNION AL

SPEC

AMS 4056 | ASTM B209 | EN 485 | AMS-QQ-A-250/6

DIMENSION REFERENCE



Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
11.811	59.055	118.110	7916.800	3591.000	300	1500	3000
13.780	59.055	118.110	9236.266	4189.500	350	1500	3000
15.748	59.055	118.110	10555.733	4788.000	400	1500	3000
17.717	59.055	118.110	11875.200	5386.500	450	1500	3000
19.685	59.055	118.110	13194.666	5985.000	500	1500	3000
21.654	59.055	118.110	14514.133	6583.500	550	1500	3000
23.622	59.055	118.110	15833.600	7182.000	600	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.



5083-H111 Aluminium Sheet & Plate

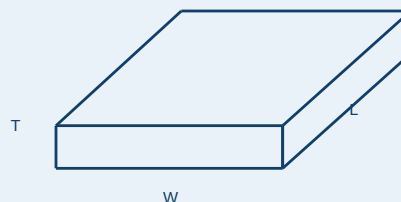
5083 ALUMINIUM STOCK GUIDE

UNION AL

SPEC

ASTM B209 | EN 485 | AMS-QQ-A-250/6

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	26.389	11.970	1	1500	3000
0.059	59.055	118.110	39.584	17.955	1.5	1500	3000
0.079	59.055	118.110	52.779	23.940	2	1500	3000
0.098	59.055	118.110	65.973	29.925	2.5	1500	3000
0.118	59.055	118.110	79.168	35.910	3	1500	3000
0.157	59.055	118.110	105.557	47.880	4	1500	3000
0.197	59.055	118.110	131.947	59.850	5	1500	3000
0.236	59.055	118.110	158.336	71.820	6	1500	3000
0.315	78.740	157.480	375.315	170.240	8	2000	4000
1.102	78.740	157.480	1313.602	595.840	28	2000	4000
1.181	59.055	118.110	791.680	359.100	30	1500	3000
1.378	59.055	118.110	923.627	418.950	35	1500	3000
1.575	59.055	118.110	1055.573	478.800	40	1500	3000
1.772	78.740	157.480	2111.147	957.600	45	2000	4000
2.165	78.740	157.480	2580.290	1170.400	55	2000	4000
2.362	59.055	118.110	1583.360	718.200	60	1500	3000
2.953	59.055	118.110	1979.200	897.750	75	1500	3000
3.150	78.740	157.480	3753.150	1702.400	80	2000	4000
3.937	78.740	157.480	4691.437	2128.000	100	2000	4000
4.331	78.740	157.480	5160.581	2340.800	110	2000	4000
4.724	59.055	118.110	3166.720	1436.400	120	1500	3000

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



5083-H111 Aluminium Sheet & Plate

5083 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
5.118	59.055	118.110	3430.613	1556.100	130	1500	3000
5.512	59.055	118.110	3694.507	1675.800	140	1500	3000
5.512	78.740	157.480	6568.012	2979.200	140	2000	4000
5.906	78.740	157.480	7037.155	3192.000	150	2000	4000

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.



5083-H112 Aluminium Sheet & Plate

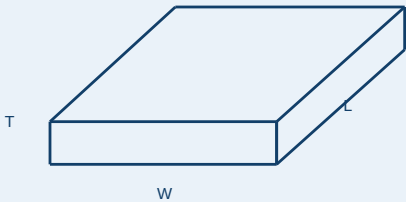
5083 ALUMINIUM STOCK GUIDE

UNION AL

SPEC

ASTM B209 | EN 485 | AMS-QQ-A-250/6

DIMENSION REFERENCE



Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
0.197	59.055	118.110	131.947	59.850	5	1500	3000
0.236	59.055	118.110	158.336	71.820	6	1500	3000
0.394	59.055	118.110	263.893	119.700	10	1500	3000
0.472	59.055	118.110	316.672	143.640	12	1500	3000
0.591	59.055	118.110	395.840	179.550	15	1500	3000
0.630	59.055	118.110	422.229	191.520	16	1500	3000
0.709	59.055	118.110	475.008	215.460	18	1500	3000
0.984	59.055	118.110	659.733	299.250	25	1500	3000
1.102	59.055	118.110	738.901	335.160	28	1500	3000
1.181	59.055	118.110	791.680	359.100	30	1500	3000
1.260	59.055	118.110	844.459	383.040	32	1500	3000
1.378	59.055	118.110	923.627	418.950	35	1500	3000
1.575	59.055	118.110	1055.573	478.800	40	1500	3000
1.772	59.055	118.110	1187.520	538.650	45	1500	3000
1.969	59.055	118.110	1319.467	598.500	50	1500	3000
2.165	59.055	118.110	1451.413	658.350	55	1500	3000
2.362	59.055	118.110	1583.360	718.200	60	1500	3000
2.559	59.055	118.110	1715.307	778.050	65	1500	3000
2.756	59.055	118.110	1847.253	837.900	70	1500	3000
2.953	59.055	118.110	1979.200	897.750	75	1500	3000
3.150	59.055	118.110	2111.147	957.600	80	1500	3000

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



CONTINUED

Imperial Unit			Weight		International Unit		
T/in	W/in	Length/in	Lbs	Kg	T/mm	W/mm	Length/mm
3.346	59.055	118.110	2243.093	1017.450	85	1500	3000
3.543	59.055	118.110	2375.040	1077.300	90	1500	3000
3.740	59.055	118.110	2506.987	1137.150	95	1500	3000
3.937	59.055	118.110	2638.933	1197.000	100	1500	3000
4.724	59.055	118.110	3166.720	1436.400	120	1500	3000
6.299	78.740	157.480	7506.299	3404.800	160	2000	4000

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.



LET'S PLAN YOUR 5083 SUPPLY

Share the temper, dimensions, quantity, application, destination and certification requirements. Our team will check live stock, processing options and a practical delivery plan 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

Marine-grade capability. Clear specifications. Reliable delivery.