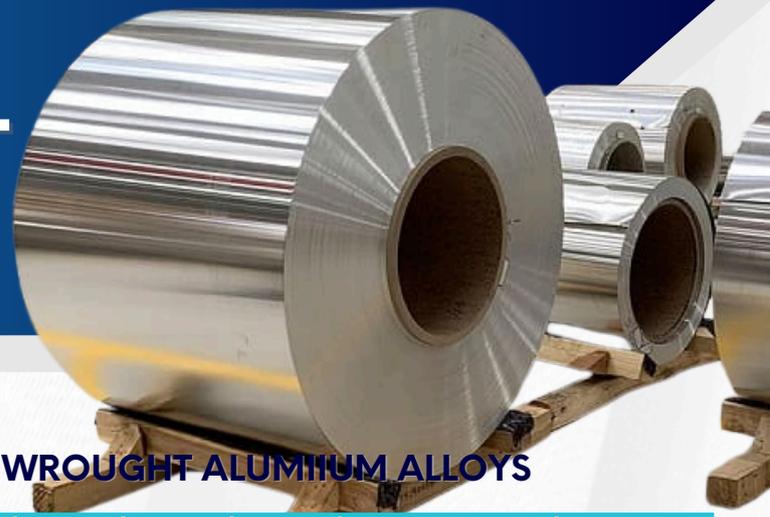


ALUMINIUM SHEET



CHEMICAL COMPOSITION LIMITS OF WROUGHT ALUMINIUM ALLOYS

AA DESIGNATION	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other		Al Min.
										Each	Total	
1XXX 1100 1145 200	0.95 Si+Fe 0.55 Si+Fe 1.00 Si+Fe		0.05- 0.2 0.05 0.05	- 0.05 0.05	- - -	- - -	0.1 0.05 0.1	0.1 0.05 0.1	- 0.03 0.05	0.05 0.03 0.05	0.15 - -	99.00 99.45 99.00
3XXX 3003 3102 3105	0.6 0.4 0.6	0.7 0.7 0.7	0.05- 0.2 0.1 0.3	1.0-1.5 0.05- 0.4 0.3-0.8	- - 0.2-0.8	- - 0.2	- - -	0.1 0.3 0.4	- 0.1 0.1	0.05 - 0.05	0.15 - 0.15	Remainder Remainder Remainder
5XXX 5005 5050 5052	0.3 0.1 0.25	0.7 0.7 0.4	0.2 0.2 0.1	0.2 0.1 0.1	0.5-1.1 1.1-1.8 2.2-2.8	0.1 0.1 0.15- 0.35	- - -	0.25 0.25 0.1	- - -	0.05 0.05 0.05	0.15 0.15 0.15	Remainder Remainder Remainder
8XXX 8006 8011	0.4 0.5- 0.9	1.2- 2.0 0.6- 1.0	0.3 0.1	0.3-1.0 0.2	0.1 0.05	- -	- -	0.1 0.1	- 0.8	- -	- -	Remainder Remainder

-ASTM Standard

Aluminum is a type of metal that we are all highly familiar with. The top 3 key important factors is that Aluminum is lighter than iron, generally stronger, and highly resistance to erosion. Aluminum is used as a raw material for several industries, and can be found in practically all aspects of our daily life, such as in auto parts, construction materials, electrical devices, electronics, cooking utensils, beverage cans and even medical packages.

