

Aluminium Sheet Half Hard, Quarter Hard and Soft Condition

Kgs per sheet

SWG	mm	2m x 1m	2.5m x 1.25m
10	3.25	17.6	27.5
11	3.0	16.0	25.4
12	2.5	14.3	22.4
14	2.0	11.0	17.2
16	1.5	8.13	12.7
18	1.2	6.6	10.3
20	0.9	4.9	7.8
22	0.7	3.8	6.0
24	0.5	2.71	4.23

Other sizes and gauges available to order
Guillotine Service
All sheet suitable for polishing

20% Clad 'O' Condition

2m x 1m x 0.9mm
2m x 1m x 1.2mm

99.5% 1050 H24
Bright Anodising Quality
in both Sheet & Circles

99.5% 1050 H24
Standard Quality
Bright Mill Finish
in both Sheet & Circles

Aluminium Technical Data

Description, Typical Applications and Main Characteristics

Alloy Designation				Welding					
British Standard	B.S. Pre-1980	Nominal Composition	Description and Typical Applications	Corrosion Resistance	Decorative Anodising Response	Oxy Acetylene	Inert Gas Shielded Arc	Resistance	Cold Formability
1080A	1A	99.80 Al	A very high reflectivity obtained especially after chemical brightening. Used for reflector purposes.	E	E	V	V	G	E
1050A	1B	99.50 Al	Very good corrosion resistance and high ductility but low in strength. Excellent for applications of etching and anodising.	V	E	V	V	V	E
1200	1C	99.0 Al	The general purpose engineering alloy used in applications where high strength levels are not required. Commonly used for holloware and other deep drawing applications.	V	V	V	V	V	V
3103	N3	Al 1.25 Mn	A general purpose alloy with a slightly higher strength than 1200. Used in sheet metal work, vehicle bodies and building products etc.	V	P-F	V	V	E	V
5251	N4	Al-2.0 Mg 0.3 Mn	A medium strength alloy with good corrosion resistance. Typical applications are vehicle body construction, stressed constructions and marine purposes.	V	G-V	V	V	E	V

E = Excellent, V = Very good, G = Good, F = Fair, P = Poor.