

# Aluminum

SHEET AND PLATE			
ALLOY	TEMPERS	NOTES	SPECIFICATIONS
1060	O, H12, H14, H16, H18, H112		AMS-4000, ASTM-B209
1100	O, H12, H14, H16, H18, H112		AMS-4001, AMS-4003, AMS-QQ-A-250/1, ASTM-B209
2014	O, T3, T4, T6, T451, T651		AMS-QQ-A-250/3
2014 ALCLAD	O, T3, T4, T451, T6, T651	ALCLAD	AMS-4028, AMS-4029, AMS-QQ-A-250/3
2024	O, T3, T351, T361, T4, T72, T81, T851, T861		AMS-4035, AMS-4037, AMS-4193, AMS-4297, AMS-QQ-A-250/4, ASTM-B209
2024 ALCLAD	O, T3, T351, T361, T4, T81, T851, T861	ALCLAD	AMS-4040, AMS-4041, AMS-4194, AMS-4195, AMS-4279, AMS-QQ-A-250/5, ASTM-B209
2124	T351		AMS-4101, AMS-4221, AMS-QQ-A-250/29, ASTM-
2219	O, T31, T351, T37, T81, T851, T87		AMS-4031, AMS-4295, AMS-QQ-A-250/30, ASTM-
2219 ALCLAD	O, T31, T351, T37, T81, T851, T87	ALCLAD	AMS-4094, AMS-4095, AMS-4096, ASTM-B209
3003	O, H12, H14, H16, H18, H112		AMS-4006, AMS-4008, AMS-QQ-A-250/2, ASTM-B209
3003 ALCLAD	O, H12, H14, H16, H18, H112	ALCLAD	ASTM-B209
5052	O, H32, H34, H36, H38, H112		AMS-4015, AMS-4016, AMS-4017, AMS-QQ-A-250/8, ASTM-B209
5083	O, H112, H116, H321		AMS-4056, ASTM-B209
6013	T4, T6, T62		AMS-4216, AMS-4347
6061	O, T4, T451, T6, T651		AMS-4025, AMS-4026, AMS-4027, AMS-QQ-A-250/11, ASTM-B209
7050	T7451, T7651		AMS-4050, AMS-4201
7075	O, T6, T651, T73, T7351, T76, T7651		AMS-4044, AMS-4045, AMS-4078, AMS-QQ-A-250/12, AMS-QQ-A-250/24, ASTM-
7075		FINE GRAINED	AMS-4277
7075 ALCLAD	O, T6, T651, T73, T7351, T76, T7651	ALCLAD	AMS-4048, AMS-4049, AMS-QQ-A-250/13, AMS-QQ-A-250/25, AMS-QQ-A-250/26, ASTM-
7075 ALCLAD	O, T6, T651	ALCLAD ONE SIDE	AMS-4046, AMS-QQ-A-250/18, ASTM-B209
7475	T61, T761, T651, T7351, T7651		AMS-4084, AMS-4085, AMS-4089, AMS-4090, AMS-

# Aluminum

TUBING			
ALLOY	TEMPERS	NOTES	SPECIFICATIONS
1060	O, H12, H14, H16, H18, H113	DRAWN	ASTM-B483
1060	O, H12, H14, H16, H18, H113	DRAWN, SEAMLESS	ASTM-B210
1060	O, H112	EXTRUDED	ASTM-B241, ASTM-B345
1100	O, H12, H14, H18, H113	DRAWN	ASTM-B483
1100	O, H12, H14, H18, H113	DRAWN, SEAMLESS	AMS-4062, WW-T-700/1, ASTM-B210
1100	O, H112	EXTRUDED, COILED	ASTM-B491
1100	O, H112	EXTRUDED, SEAMLESS	ASTM-B241
2014	O, T4, T6	DRAWN, SEAMLESS	ASTM-B210
2014	O, T4, T4510, T4511, T6, T6510, T6511	EXTRUDED, SEAMLESS	ASTM-B241
2024	O, T3	DRAWN, SEAMLESS	AMS-4087, AMS-4088, ASTM-B210, WW-T-700/3
2024	O, T3, T3510, T3511, T81, T8510, T8511	EXTRUDED, SEAMLESS	ASTM-B241
2024		HYDRAULIC	AMS-4086
2219		DRAWN, SEAMLESS	AMS-4066, ASTM-B210
2219	O, T31, T3510, T3511, T81, T8510, T8511	EXTRUDED, SEAMLESS	AMS-4068, ASTM-B241
3003	O, H12, H14, H16, H18, H25, H113	DRAWN	ASTM-B483
3003	O, H12, H14, H16, H18, H25, H113	DRAWN, SEAMLESS	AMS-4065, AMS-4067, ASTM-B210, WW-T-700/2
3003	O, H112	EXTRUDED, COILED	ASTM-B491
3003	O, H112	EXTRUDED, SEAMLESS	ASTM-B241
3003		WELDED	ASTM-B313, ASTM-B547
5052	O, H32, H34, H36, H38	DRAWN	ASTM-B483
5052	O, H32, H34, H36, H38	DRAWN, SEAMLESS	AMS-4069, AMS-4070, ASTM-B210, WW-T-700/4
5052		EXTRUDED	ASTM-B221
5052		EXTRUDED, SEAMLESS	ASTM-B241
5052		HYDRAULIC	AMS-4071
5052		WELDED	ASTM-B313, ASTM-B547
5083		DRAWN, SEAMLESS	ASTM-B210
5083	O, H111, H112	EXTRUDED, SEAMLESS	ASTM-B241
5083		WELDED	ASTM-B547
6061	O, T4, T6	DRAWN	ASTM-B483
6061	O, T4, T6	DRAWN, SEAMLESS	AMS-4079, AMS-4080, AMS-4082, ASTM-B210, WW-T-700/6
6061	O, T1, T4, T4510, T4511, T51, T6, T6510, T6511	EXTRUDED, SEAMLESS	ASTM-B241
6061		HYDRAULIC	AMS-4081, AMS-4083
6061		WELDED	ASTM-B313, ASTM-B547
7075	O, T6, T73	DRAWN, SEAMLESS	ASTM-B247, WW-T-700/7
7075	O, T6, T6510, T6511, T73, T73510, T73511	EXTRUDED	ASTM-B241

# Aluminum

BAR/ROD/WIRE		
ALLOY	TEMPERS	SPECIFICATIONS
1060	H14	ASTM-B211
1100	O, H112, H12, H14, H16, H18, F	AMS-QQ-A-225/1, ASTM-B211
2011	T3, T4, T451, T8	AMS-QQ-A-225/3, ASTM-B211
2014	O, T4, T451, T6, T651	AMS-4121, AMS-QQ-A-225/4, ASTM-B211
2017	O, T4, T42, T451	AMS-QQ-A-225/5, ASTM-B211
2024	O, H13, T351, T36, T4, T6, T851	AMS-4120, AMS-4339, AMS-QQ-A-225/6, ASTM-B211
2219	T851	ASTM-B211
3003	O, H12, H14, H16, H18, H112, F	AMS-QQ-A-225/2, ASTM-B211
5052	O, H32, H34, H36, H38, F	AMS-4114, ASTM-B211
5083	O, H111, H112	AMS-QQ-A-200/4, ASTM-B221
5086	O, H111, H112	AMS-QQ-A-200/5, ASTM-B221
5454	O, H111, H112	AMS-QQ-A-200/6, ASTM-B221
5456	O, H111, H112	AMS-QQ-A-200/7, ASTM-B221
6061	O, H13, T4, T451, T6, T651, T89, T913, T94	AMS-4115, AMS-4116, AMS-4117, AMS-4128, AMS-QQ-A-225/8
6162	T5, T5510, T5511, T6, T6510, T6511	AMS-QQ-A-200/17, ASTM-B221
6262	T6, T651, T9	AMS-QQ-A-225/10, ASTM-B221
7075	O, H13, T6, T651, T73, T7351	AMS-4122, AMS-4123, AMS-4124, AMS-4186, AMS-QQ-A-225/9, ASTM-B211

EXTRUDED SHAPES		
ALLOY	TEMPERS	SPECIFICATIONS
1060	, H112	ASTM-B221, ASTM-B241
1100	O, H112	ASTM-B221, ASTM-B241
2014	O, T4, T4510, T4511, T6, T6510, T6511	AMS-4153, AMS-QQ-A-200/2, ASTM-B221
2024	O, T3, T3510, T3511, T81, T8510, T8511	AMS-4152, AMS4164, AMS-4165, AMS-QQ-A-200/3, ASTM-B221
2219	O, T31, T3510, T3511, T81, T8510, T8511	AMS-4162, ASTM-B221
3003	O, H112	AMS-QQ-A-200/1, ASTM-B221
5083	O, H111, H112	AMS-QQ-A-200/4, ASTM-B221
5086	O, H111, H112	AMS-QQ-A-200/5, ASTM-B221
5454	O, H111, H112	AMS-QQ-A-200/6, ASTM-B221
5456	O, H111, H112	AMS-QQ-A-200/7, ASTM-B221
6061	O, T1, T4, T4510, T4511, T51, T6, T6510, T6511	AMS-4150, AMS-4160, AMS-4161, AMS-QQ-A-200/8, ASTM-B221
6162	T5, T5510, T5511, T6, T6510, T6511	AMS-QQ-A-200/17, ASTM-B221
7050	T74511, T73511, T76511	AMS-4340, AMS-4341, AMS-4342
7075	O, T6, T6510, T6511, T73, T73510, T73511, T76, T75510, T76511	AMS-4154, AMS-4166, AMS-4167, AMS-4168, AMS-4169, AMS-QQ-A-200/11, ASTM-B221
7178	O, T6, T62, T6510, T6511	AMS-QQ-A-200/13 AMS-QQ-A-200/14

FORGINGS		
ALLOY	TEMPERS	SPECIFICATIONS
1100	H112, F	ASTM-B247
2014	F, T4, T6, T652	AMS-4133, AMS-4134, AMS-A-22771, ASTM-B247
2219	F, T6, T852	AMS-4143, AMS-4144, AMS-A-22771, ASTM-B247
2618	T61	AMS-QQ-A-367
3003	H112, F	ASTM-B247
4032	T6	AMS-QQ-A-367
5083	H111, H112, F	ASTM-B247
6061	F, T6, T652	AMS-4127, AMS-4248, ASTM-B247
7049	T73	AMS-QQ-A-367
7050	T7451, T7452, F	AMS-4107, AMS-4108, AMS-A-22771, ASTM-B247
7075	F, T6, T652, T73, T7352	AMS-2126, AMS-4131, AMS-4141, AMS-4147, AMS-A-22771, ASTM-B247
7075	T7452	AMS-4323, ASTM-B247
7079	T6	AMS-QQ-A-367

