



OVERVIEW OF USA MILITARY ALUMINUM SPECIFICATIONS

Specification Alloy and Product or Process Covered	
MIL-STD-129	Marking for shipment and storage
MIL-STD-649	Preparation for storage and shipment
MIL-STD-2154	Process for ultrasonic inspection, wrought metals
MIL-C-5541	Chemical films for aluminum and aluminum alloys
MIL-H-6088	Heat treatment of aluminum alloys
MIL-W-6712	1100 and 4043 metal spraying wire
MIL-T-7081	6061 hydraulic tube
MIL-A-8625	Anodic coatings for aluminum alloys
MIL-A-12545	1100, 2014, 6061, 6070 and 7075 impacts
MIL-A-22771	2014, 2219, 2618, 6061, 6151, 7049, 7050, 7075 and 7175 forgings
MIL-P-25995	3003, 6061 and 6063 pipe
MIL-A-45225	5083 and 5456 forged armor
MIL-A-46027	5083 and 5456 armor plate
MIL-A46063	7039 armor plate
MIL-A-46083	2219, 5083, 5456 and 7039 extruded armor
MIL-A-46104	6070 extruded rod, bar, shapes and tube
MIL-A-46118	2219 armor plate and forgings
MIL-A-46192	2519 armor rolled plate
MIL-A-52174	Duct sheet
MIL-A-52242	7001 extruded rod, bar and shapes
MIL-C-60536	Anodic hard coatings for aluminum alloys
MIL-C-60539	Anodic coatings for aluminum alloys

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