

SPECIFICATIONS



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Materials testing are performed in accordance with the following ASM, ASTM, Military, and Federal Specifications. We also certify to individual customer specifications as requested. If there is a testing requirement for a specification not listed, please let us know, as we are eager to expand our analytical capabilities to satisfy the testing needs of our clients.

PROCESS	SPECIFICATION	TEST
COPPER	MIL-C-14550, ASTM-B734, AMS-2418	THICKNESS, HYDROGEN EMBRITTLEMENT, SOLDERABILITY, ADHESION, POROSITY
ELECTROLESS NICKEL	AMS-2404, AMS-2405, AMS-C-26074, ASTM-B656, ASTM-B733, MIL-C-26074	THICKNESS, ADHESION, SALT SPRAY, COMPOSITION, HYDROGEN EMBRITTLEMENT, MICROHARDNESS, POROSITY
GOLD	AMS-2422, AMS-2425, ASTM-B488, MIL-DTL-45204	HYDROGEN EMBRITTLEMENT, THICKNESS, ADHESION, MICROHARDNESS, SOLDERABILITY, SALT SPRAY, COMPOSITION, POROSITY, HEAT RESISTANCE, SMOOTHNESS
NICKEL (SULFAMATE)	AMS-2403, AMS-2423, AMS-2424, AMS-QQ-N-290, QQ-N-290, MIL-P-27418	HYDROGEN EMBRITTLEMENT, THICKNESS, ADHESION, MICROHARDNESS, HEAT RESISTANCE, SALT SPRAY
PASSIVATE	AMS-2700, AMS-QQ-P-35, ASTM-A967, MIL-P-47090 (MI), QQ-P-35	WATER IMMERSION, COPPER SULFATE TEST
SILVER	AMS-2410, AMS-2411, AMS-2412, ASTM-B700, QQ-S-365	HYDROGEN EMBRITTLEMENT, THICKNESS, ADHESION, ROUGHNESS, SOLDERABILITY, COMPOSITION, TARNISH RESISTANCE, MICROHARDNESS, ELECTRICAL CONDUCTIVITY
TIN (BRIGHT)	AMS-2408, AMS-2409, ASTM-B545, MIL-T-10727, MIL-T-81955	COMPOSITION, THICKNESS, ADHESION, SOLDERABILITY, SALT SPRAY
TIN/LEAD (MATTE)	MIL-P-81728, ASTM-B579	COMPOSITION, HYDROGEN EMBRITTLEMENT, THICKNESS, ADHESION, POROSITY, SOLDERABILITY