

Sheet Metal Materials

Wesgar fabricates custom precision components in aluminum, steel, stainless steel, and copper, matched exactly to your engineering drawing specifications. Mill and test certificates are available upon request.

When material lead times threaten your schedule, our product support team works proactively with you to identify alternative materials that meet or exceed your original specification, keeping your program on track without compromising performance.

MATERIAL	DETAILS
ALUMINUM SHEET	<ul style="list-style-type: none">◆ Thicknesses range from 0.032" to 0.250" (thinner or thicker materials are available but subject to processing requirements)◆ Aluminum sheet is 5052-H32 is a good all-purpose medium strength alloy that can be formed and welded and has good corrosion resistance
STEEL SHEET	<ul style="list-style-type: none">◆ Thicknesses range from 0.025" to 0.250" (thinner or thicker material is available, but subject to processing requirements)◆ ASTM A1008, cold rolled and hot rolled pickled and oiled (HRP&O)◆ coated steel sheets include, galvanneal (satin coat), galvanized, electro-galvanized, and aluminized
STAINLESS STEEL SHEET	<ul style="list-style-type: none">◆ Thicknesses range from 0.025" to 0.250" (thinner or thicker material is available, but subject to processing requirements)◆ 304 / 304L and 316 / 316L 2B and #4 finishes are the most common types but most types can be purchased and fabricated as required◆ Forming, welding, and in-line finishing requirements will be discussed at the quoting stage
COPPER SHEET	<ul style="list-style-type: none">◆ Thicknesses range from 0.027" to 0.250" (thinner or thicker material is available, but subject to processing requirements)◆ ASTM B152 grade Copper 110 (C11000) is our most commonly used copper alloy◆ Soft and varying hardness coppers are available depending on processing requirements