

## 6063 ALUMINUM SQUARE & RECTANGLE TUBE

6063 is an architectural aluminum alloy, developed primarily for extrusions (especially tubes, angles, etc.). Material features include relatively high tensile properties, excellent finishing characteristics, and high corrosion resistance in industrial and marine environments. 6063 is similar to 6061, with slightly lesser strength.

AED stocks 6063 in square and rectangle tubes and angles.

Other items, such as tee's, channels and other extrusions, etc. may be available upon request.

### 6063 Chemical Analysis

Cu (max)	Si	Fe (max)	Mn (max)	Mg	Zn (max)	Cr (max)	Ti (max)	Others		Al
								Each	Total	
.10	.20/.60	.35	.10	.45/.90	.10	.10	.10	.05	.015	Remainder

MOTORSPORT PRODUCTS

### 6063-T5 SQUARE AND RECTANGLE TUBE

6063 square and rectangle tubes generally have sharp corners in the outside and inside. They are sometimes referred to as 6063-T5 or 6063-T52, and they are typically produced in 21' 1" (253") lengths. The best pricing is always when you order full lengths, which can be cut for economical shipping methods.

AED also offers "cut-to-size" pieces.

6063 extruded tubes are typically produced to ASTM-B221 and AMS QQ-A-200/9. Other specifications may also apply.

### 6063-T5 Tube Typical Mechanical Properties:

	6063-T5
Tensile Strength (psi)	27,000
Yield Strength (psi)	21,000
Elongation (% in 2") .064" Sheet	12
Brinell Hardness	60

Note: "Typical Mechanical Properties" have been compiled from a variety of sources. Information is deemed reliable, but it is not guaranteed. This data is provided for information only, **NOT FOR DESIGN PURPOSES.**

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