

4130 CHROME MOLY TUBE

4130 Chrome Moly Alloy Steel is AED Motorsport Products' signature material. We supply 4130 in various forms to customers virtually anywhere in the world!

“Chrome Moly,” an abbreviation for chromium molybdenum, is a general purpose alloy steel that has been widely used by the motorsports industries for many years.

Weldability, fabrication and mild hardenability make it a popular choice in all forms - tube, bar, sheet, and plate.

4130 Chemical Analysis

C	Mn	P (max)	S (max)	Si	Cr	Ni (max)	Mo	Cu (max)
.28/.33	.40/.60	.025	.025	.15/.35	.80/1.10	.25	.15/.25	.35

MOTORSPORT PRODUCTS

4130 TUBE

AED stocks 4130 tubing in a wide array of sizes, including rounds, squares, and rectangles. 4130 tube is produced in “random lengths” that can range between 17 to 24 feet long. 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.

There is also a “teardrop” size that is available from time to time. This is commonly known as a “streamline” tube, and it is produced in random lengths approx 10 to 17 feet long.

AED also offers several custom aerotube sizes (including streamline, oval, egg shape) that can be produced in 4130, as well as aluminum, mild steel, stainless and occasionally in titanium. Additional information is listed elsewhere on our website.

Nearly all of our 4130 tubes are produced as a Condition N, Cold Drawn Seamless tube to the aerospace specification AMS-T-6736, which was formerly known as MIL-T-6736.

4130 Tube Typical Mechanical Properties - Minimum:

Condition N	Tensile Strength (psi)	Yield Strength (psi)	Elongation (% in 2")	
			tube	strip
Up to .035" wall inclusive	95,000	75,000	10	5
Over .035" wall to .188" inclusive	95,000	75,000	12	7
Over .188" wall	90,000	70,000	15	10

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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.**

