

HOT ROLLED STEEL SHEET

Hot Rolled Commercial Quality Steel sheet is a general purpose low-carbon mild steel that is suitable for forming, welding, punching operations, etc.

Commercial Quality Steel Chemical Analysis

C (max)	Mn (max)	P (max)	S (max)
.15	.60	.035	.04

HOT ROLLED COMMERCIAL QUALITY STEEL SHEET AND PLATE

AED stocks Hot Rolled Commercial Quality Steel sheets and plates as 48" x 120" in several thicknesses. We make a conscious effort to stock material that is "pickled and oiled," as this tends to have a smoother and cleaner surface finish as compared to a plain hot rolled sheet/plate.

The best pricing is always when you order full sheets, which can be cut for economical shipping methods. AED also offers "cut-to-size" pieces sheared 48" wide by 12" increments.

Hot Rolled Commercial Quality Steel sheets meet ASTM A1011 or ASTM A1018, depending on the mill.

Hot Rolled Steel Sheet Typical Mechanical Properties:

	Commercial Quality
Tensile Strength (psi)	55,000-80,000
Yield Strength (psi)	36,000 min
Elongation (% in 2") (Subject to reduction for thicknesses under 5/16")	18 min

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.**