

Cold-Rolled 60 ksi (420 MPa) HSLA Formable Steel

Algoma's cold-rolled 60 ksi steel is a low carbon, fine grain, HSLA steel with improved formability and inclusion shape control, available in coil form.

PRODUCT SPECIFICATIONS

PROPERTIES	SPECIFICATIONS
Grades Available (Inquire for other)	ASTM A1008 HSLAS-F Grade 60 SAE J2340 420XF
Sizes Available (Inquire for other)	Width: ≤54" Thickness: 0.030"–0.075" min W/G ratio: 1500:1 max Width: 54"–62" Thickness: 0.030"–0.067" min W/G ratio: 1400:1 max
Thickness Tolerance	Full or 1/2 ASTM A568 Table 15
Typical Chemical Composition	C: 0.04–0.07 Mn: 0.70–0.90 Si: 0.15–0.25* Nb: 0.01–0.02 Ti: 0.04–0.08
Typical Mechanical Properties	Yield: 60–75 ksi Tensile: 70–85 ksi 2"-Elongation: 18% min n value 0.11 min
Surface Quality	Unexposed. Matte finish.

*This silicon range may be suitable for some galvanizing applications.



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