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STELMAX™ 1300M

Cold-Rolled Ultra-High
Strength Steel

Stelco produces strong, high performance advanced high strength steel for the demanding needs of North American manufacturers.

Our STELMAX™ product portfolio contains innovative steels engineered to meet the rising expectations of our customers.

To learn more about STELMAX™ 1300M contact a Stelco Sales or Customer Technical Service Representative.



STELMAX™ 1300M

Cold Rolled Ultra-High Strength Steel

STELMAX™ 1300M Applications

STELMAX™ 1300M is an ultra-high strength cold rolled fully martensitic steel with a minimum tensile strength of 1300MPa.

Stelco's steel is toll-processed on a continuous annealing line that uses state-of-the-art hydrogen quench technology which produces a strip with excellent shape versus conventional cold water quench technology.

This steel's high strength-to-weight ratio makes it ideal for automotive and non-automotive lightweight applications such as roll-formed and tubular components.

Size Availability

Thickness 0.020" - 0.071"
0.5 mm - 1.8 mm

Max Width 30" - 48"
760 mm - 1220 mm

Mechanical Properties

Grade	Yield Strength Min - Max (MPa)	Tensile Strength Min - Max (MPa)	Elongation Min (%)
1300	1030 - 1300	1300 - 1500	3%

Mechanical properties tested as per ASTM in the longitudinal direction

Chemistry

Grade	C	Mn	Al	Ti	Cr+Mo	B
1300	0.25	1.0	0.07	0.05	0.5	0.004

Maximum % element composition

