



Expanding Your Solutions

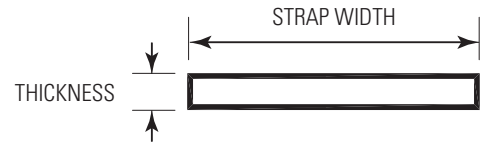
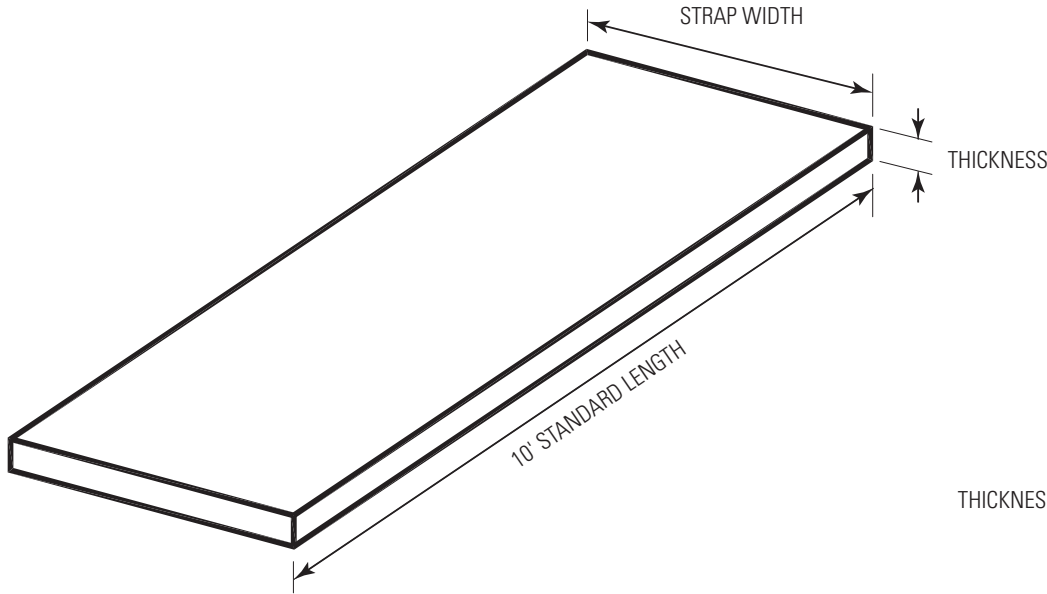
Corporate Headquarters
13191 Crossroads Pkwy N., Ste 325
City of Industry, CA 91746
Phone: 800.775.2362
Fax: 626.330.7598

Manufacturing Facilities
City of Industry, CA
Denver, CO
Ft. Worth, TX
Pittsburg, CA

Structural Engineering/Design
1001-A Pittsburgh Antioch Hwy
Pittsburg, CA 94565
Phone: 800.775.2362
Fax: 626.330.7598

Technical Services
13191 Crossroads Pkwy N., Ste 325
City of Industry, CA 91746
Phone: 800.416.2278
Fax: 626.249.5004

FLAT STRAP SPECIFICATION – 12" x 97 mil (12FS12)



Geometric Properties

Product Code	Strap Width (in)	Thickness (mils)	Design Thickness (in)	Minimum Thickness (in)	Gauge	Yield Strength (ksi)	Tensile Values for Straps (Tn [lbs.])
12FS12	12	97	0.1017	0.0966	12	50	36539

Notes:

- 1. For lengths greater than 20 feet, strap is available in coil form.
- 2. Flat Strap is also available with widths greater than 12 inches.
- 3. $\Omega = 1.67$
- 4. Minimum thickness is equal to 95% of design thickness.

Coating: Standard G60. G90 is available only upon special request and will require extended lead times.

ASTM & Code Standards:

- ASTM A653/A653M, A924/A924M, A1003/1003, C645 & C754
- IBC: 2012, 2015, 2018, 2021
- CBC: 2013, 2016, 2019, 2022
- AISI: S100, S200, S220, S240

CEMCO cold-formed steel framing products contain 30% to 37% recycled steel.

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8%
- Pre-Consumer: 14.4%

LEED v4 for Building and Design Construction

- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations, Options 1 & 2.
- MR Credit: Building Product Disclosure and Optimization – Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

Technical Services

Technical Services: 800.416.2278
Structural Engineering/Design: 925.473.9340
www.cemcosteel.com



This technical information reflects the most current information available and supersedes any and all previous publications effective July 27, 2023.

07-27-23 AT