



Expanding Your Solutions

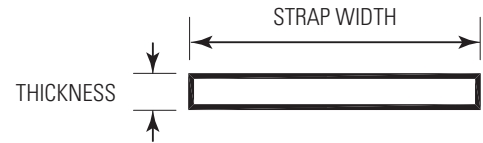
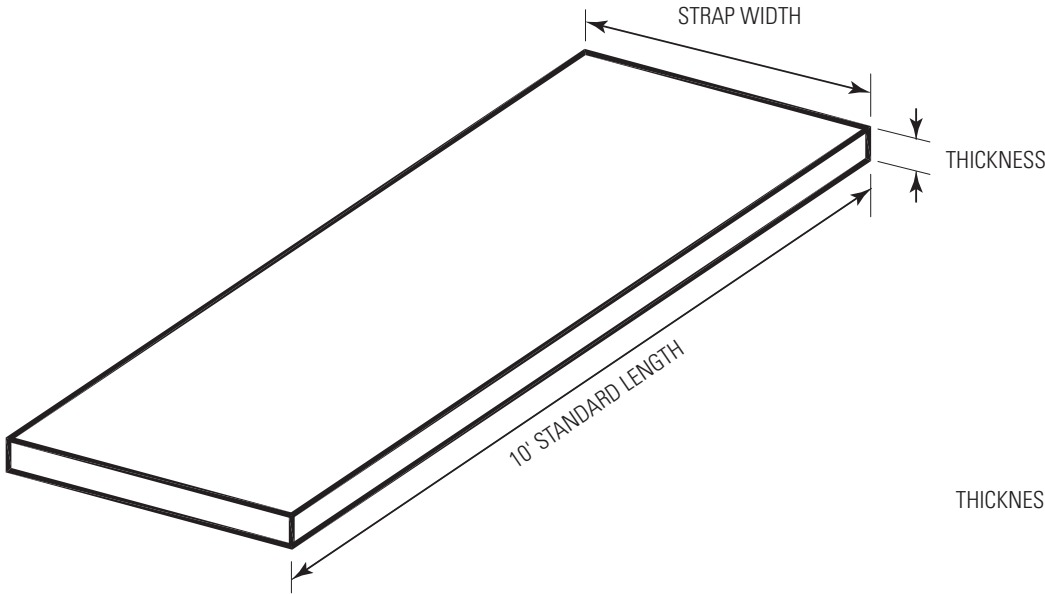
Corporate Headquarters
13191 Crossroads Pkwy N., Ste 325
City of Industry, CA 91746
Phone: 800.775.2362
Fax: 626.330.7598

Manufacturing Facilities
City of Industry, CA
Commerce City, 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 – 2" x 43 mil (18FS2)



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.]) |
|--------------|------------------|------------------|-----------------------|------------------------|-------|----------------------|---------------------------------------|
| 18FS2 | 2 | 43 | 0.0451 | 0.0428 | 18 | 33 | 1782 |

Notes:

- For lengths greater than 20 feet, strap is available in coil form.
- Flat Strap is also available with widths greater than 12 inches.
- $\Omega = 1.67$
- 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.

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