

Corporate Headquarters

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Manufacturing Facilities

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

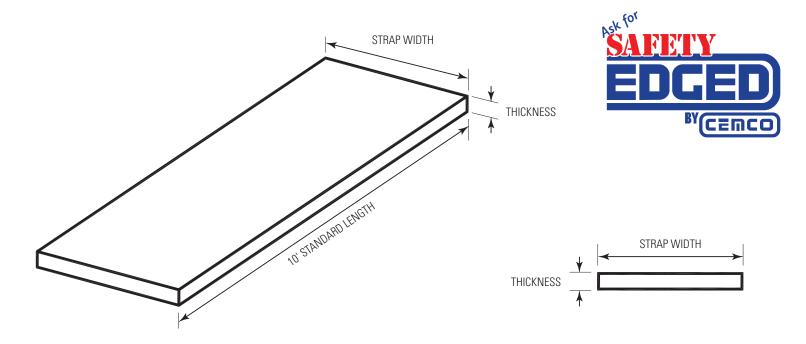
Structural Engineering/Design

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 — 6" x 54 mil (16FS6)



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.])
16FS6	6	54	0.0566	0.0538	16	50	10168

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.** Ω = 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: 800.416.2278 Structural Engineering/Design: 925.473.9340 www.cemcosteel.com





