05.40.00 (Cold-Formed Metal Framing)



Technical Services: 888-437-3244, Engineering Services: 877-832-3206, Sales 800-543-7140

Commercial Strapping (CS1-250-43)

Multipurpose pre-punched commercial coil stock used for bracing, bridging or tension strapping

Coil Strapping is made in a variety of widths, each with a unique layout of pre-punch holes for a variety of fastening options to meet different application requirements.

Product Data & Ordering Information:

Material:	50 ksi			
Coating:	G90 (Z275) hot-dipped galvanized			
Thickness:	43mils (18ga) 0.0451" Design thickness 0.0428" Minimum thickness			
Width:	1"			
Packaging:	250 foot Boxed Coil			
Product Weight:	37.8 lbs/coil			

- Widths Available: 1", 1-1/2", 2", 2-1/2" & 3"
- Available in 20, 18, 16 & 14 gauge
- · Pre-punched for fast and accurate fastener attachment

ALLOWABLE TENSION LOAD FOR:

CS1-250-43 43mils (18ga) - 1" Wide Commercial Strapping

Stud / Joist / Framing	33mils	43mils	54mils	68mils	Allowable
Thickness	(20ga)	(18ga)	(16ga)	(14ga)	Strap
	33ksi	33ksi	50ksi	50ksi	Tension
#10 Fasteners per Each End of Strap	5	4	3	3	822 lbs

Code Approvals & Performance Standards

- · ASTM A653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
- ASTM A1003 Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members
- SDS For ASTM A1003 Steel Framing Products For Interior Framing, Exterior Framing and Clips/Accessories

Alternative Products:

Flat Strapping

Sustainability Credits For more details and LEED letters contact Technical Services at 888-437-3244 or visit clarkdietrich.com/LEED.

- LEED v4.1 MR Credit: Environmental Product Declarations: EPD (1 point) Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
- LEED v4 MR Credit: Building Product Disclosure and Optimization: EPD (1 point) Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).



