

Column Sentry®



Proven
protection
against
expensive
building
column damage



Always on guard



The columns in a building are the backbone of its structural integrity. Continual hits from forklifts can do expensive damage to these columns.

Columns need protection. Column Sentry® is the original, patented column protector that minimizes the force of tow motor damage to columns, surrounding supports, vehicles, and operators. Highest quality, unmatched performance, outstanding value – that's Column Sentry.

The Column Sentry difference

Patented Air Chamber

- A system of 24 angled pockets strategically placed around the circumference of the column protector.
- Upon impact, the air chamber forces air out at a controlled rate allowing the column protector to absorb impact without splitting the sides
- The air chamber deflects impact energy away from the column and minimizes the force of tow motor impact. Without the vent system, air pressure builds up and could “blow out” the column protector.



Additional features

- Available in 15 sizes and additional configurations to fit numerous applications including H-beams and FE models to accommodate fire extinguisher placement on columns.
- All sizes are 42” tall and are stackable for protection at greater heights.
- Anchor bolt cut-outs provide for a flat fit to the floor
- No tools required for installation – secures to column with hook and loop straps.
- Highly visible standard safety yellow.

Design and material

- Made with LLDPE, a durable and flexible material that absorbs impact and then return to its original shape.
- Walls of the Column Sentry are ¼” thick adding additional weight and additional protection.
- Design maximizes flexibility and eliminates corner weakness and stiff spots.

Proven protection

- Testing done by an independent testing company, proved Column Sentry to be 83% more effective in resisting impact than other column protectors.



15 sizes and additional configurations to fit numerous applications including H-beams and FE models to accommodate fire extinguisher placement on columns.

Dimensions:

Height

42" (107cm) – All sizes

Wall thickness

0.25" (6.4mm) – All sizes

Outside diameters and weights

14" (35cm)

4" (10cm) Square – 24 lbs.
6" (15cm) Slim Square – 24 lbs.

24" (61cm)

6" (15cm) Square – 56 lbs.
8" x 10" H (20cm x 25cm H) – 56 lbs.
8" (20cm) Square – 56 lbs.
9" (22cm) Round – 56 lbs.
10" x 10" H (25 x 25cm H) – 56 lbs.
10" (25cm) Square – 56 lbs.
12" (30cm) Square – 56 lbs.

33" (84cm)

14" (35cm) Square – 75 lbs.
16" (40cm) Square – 75 lbs.

38" (97cm)

18" (46cm) Square – 90 lbs.
20" (51cm) Square – 90 lbs.
12" x 24" Rec. (32 x 62cm) – 90 lbs.

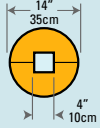
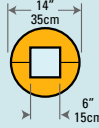
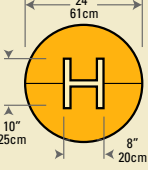
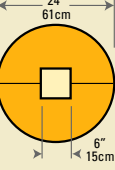
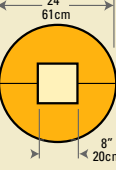
44" (112cm)

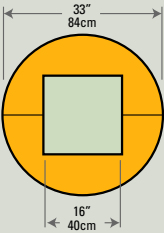
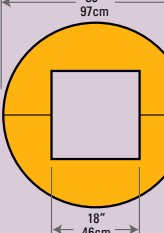
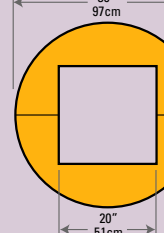
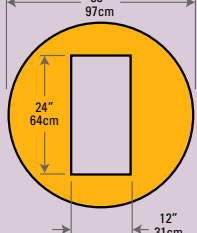
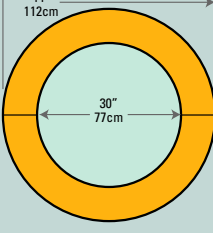
30" Round (77cm) – 99 lbs.

Material Properties:

- Made of Linear Low Density Polyethylene (LLDPE)
- Approved to UL94HB Burn Rate @ 1.5MM
- Hook & Loop fastener shear strength: 9.2 PSI (0.649KG/CM²)
- Impact strength at -40° C: 150 ft. – lbs. (203J)
- Stress-crack resistance: >1,000 hrs. per ASTM D-1693 (100% Igepal)
- UV Stabilized
- FDA compliant 21 CFR 177.520/3.1 (base resin)

Sizes and Specifications:

Maximum Column Size	4" Square (10cm Square)	6" Square (15cm Square)	8" x 10" H (20 x 25cm H)	6" Square (15cm Square)	8" Square (20cm Square)
Product Code	CS1442-4S	CS1442-6S	CS2442-8x10H	CS2442-6S	CS2442-8S
Column Sentry Size					
Fits Square	Up to 4" (10cm)	<4" (10cm) to 6" (15cm)	N/A	Up to 6" (15cm)	>6" (15cm) to 8" (20cm)
Fits H	Up to 4" x 4" (10 x 10cm)	<4" (10cm) to 6" x 6" (15 x 15cm)	8" (20cm) web, up to 10" (25cm) flange	Up to 6" x 6" (15 x 15cm)	>6" (15cm) to 8" x 8" (20 x 20cm)
Fits Round	Up to 4" (10cm) diameter	<4" (10cm) to 6" (15cm) diameter	N/A	Up to 6" (15cm) diameter	>6" (15cm) to 8" (20cm) diameter
	SMALL			MEDIUM	

Maximum Column Size	16" Square (40cm Square)	18" Square (46cm Square)	20" Square (51cm Square)	12" x 24" Rectangle (32cm x 62cm Rectangle)	30" Round (77cm Round)
Product Code	CS3342-16S	CS3842-18S	CS3842-20S	CS3842-12x24S	CS4442-30R
Column Sentry Size					
Fits Square	>14" (35cm) to 16" (40cm)	16" (40cm) to 18" (46cm)	>18" (46cm) to 20" (51cm)	Up to 12" (31cm) square; up to 12"x24" (31 x 62cm) rectangle	Up to 21" (54cm) square
Fits H	>14" (35cm) to 16" x 16" (40 x 40cm)	>16" (40cm) to 18" x 18" (46 x 46cm)	>18" (46cm) to 20" x 20" (51 x 51cm)	Up to 12"x24" (31 x 62cm)	Up to 21"x21" (54 x 54cm)
Fits Round	>14" (35cm) to 16" (40cm) diameter	>16" (40cm) to 18" (46cm) diameter	>18" (46cm) to 20" (51cm) diameter	Up to 12" diameter	Up to 30" (77cm)
	LARGE			X-LARGE	



Sentry Protection Products

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