

# Safety Chains

## FALL PROTECTION

Add an optional visual barrier for floor doors and hatches. Constructed with posts and loop chain, the system is available on three sides for single leaf or two sides for double leaf configurations.

### DETAILS

**POST MATERIAL** Aluminum tubing, 1-1/2 inch O.D. by .065 inch wall thickness

**CHAIN MATERIAL** Stainless Steel, 2/16 inch loop chain, attached with spring clips to lifting eye nut

**MOUNT** Aluminum tubing, 2 inch O.D. with 2-1/2 inch mounting plate welded to exterior of frame



### ORDER GUIDE

MODEL	MATERIAL
SC1	2 Post
SC2	4 Post

## Loads

### LIGHT DUTY

Tested to 150 lbs per square foot loading.

### STANDARD DUTY/PEDESTRIAN

Tested to 300 lbs per square foot live loading.

### H20 CLASSIFICATION

The American Associate of State Highway and Transportation Officials (AASHTO) "Standard Specification for Highways Bridges" defines H-20 loading as a two-axle truck with a maximum dual-wheel load of 16,000 lbs. HS-20 loading is defined as a tractor truck with a tandem axle semi-trailer with a dual-wheel load of 16,000 lbs.

The maximum safe live load is calculated by dividing the load at failure by two.

## OSHA

### OSHA 29 CFR 1910.29(b)(13) GENERAL INDUSTRY

When guardrail systems are used around holes that serve as points of access (such as ladderways), the guardrail system opening;

- Has a self-closing gate that slides or swings away from the hole, and is equipped with a top rail and midrail or equivalent intermediate member.

### OSHA 29 CFR 1926.502 CONSTRUCTION INDUSTRY

Fall protection systems criteria

- Each employee on walking/working surface shall be protected from falls through holes more than 6 feet.
  - Includes guardrails, safety nets, personal fall arrests, etc.