



### Heavy Duty Guard Rails

Heavy Duty Guard Rails are one of the strongest on the market withstanding multiple hits from a forklift. Stops a 12,000 lb. forklift traveling at 8 mph. Upon impact, guard rail distributes the shock throughout the entire section, resulting in zero deflection. Heavy duty pipe sleeved in durable HDPE plastic, where pipe post is 4" schedule 80 pipe, and pipe rail is 6" schedule 40 pipe. Standard color is safety yellow. The maintenance-free, never paint again system will keep your facility looking clean and new. Units arrive fully assembled. Other configurations and sizes available, contact factory.



| MODEL NUMBER | OVERALL LENGTH                          | OVERALL HEIGHT | BASE PLATE (W x L) | WEIGHT (POUND) |
|--------------|---|----------------|--------------------|----------------|
| HDGR-4-27    | 48"                                     | 27"            | 10" x 10"          | 299            |
| HDGR-4-36    | 48"                                     | 36"            | 10" x 10"          | 321            |
| HDGR-4-42    | 48"                                     | 42"            | 10" x 10"          | 336            |
| HDGR-6-27    | 72"                                     | 27"            | 10" x 10"          | 387            |
| HDGR-6-36    | 72"                                     | 36"            | 10" x 10"          | 409            |
| HDGR-6-42    | 72"                                     | 42"            | 10" x 10"          | 424            |
| HDGR-8-27    | 96"                                     | 27"            | 10" x 10"          | 475            |
| HDGR-8-36    | 96"                                     | 36"            | 10" x 10"          | 497            |
| HDGR-8-42    | 96"                                     | 42"            | 10" x 10"          | 512            |
| HDGR-10-27   | 120"                                    | 27"            | 10" x 10"          | 563            |
| HDGR-10-36   | 120"                                    | 36"            | 10" x 10"          | 585            |
| HDGR-10-42   | 120"                                    | 42"            | 10" x 10"          | 600            |
| HDGR-12-27   | 144"                                    | 27"            | 10" x 10"          | 651            |
| HDGR-12-36   | 144"                                    | 36"            | 10" x 10"          | 673            |
| HDGR-12-42   | 144"                                    | 42"            | 10" x 10"          | 688            |
| AS-346       | ANCHOR BOLTS FOR CONCRETE (1) 3/4" x 6" |                |                    | 1              |
| AS-346-4PK   | ANCHOR BOLTS FOR CONCRETE (4) 3/4" x 6" |                |                    | 4              |



model BOL-42-2

### Steel Pipe Safety Bollards

Bollards can be used both indoors and outdoors to protect work areas, racking and personnel. Plastic top caps are removable on the 1 3/4", 4 1/2", and 5 1/2" diameter units and bollard may be filled with concrete. Steel caps are welded on the 6 5/8" and 8 5/8" diameter units. Base plate includes four (4) pre-drilled mounting holes. Mounting kits and replacement caps available. Baked-in powder-coated toughness.



model BOL-42-4.5

| MODEL NUMBER | FINISH   | HEIGHT | OUTSIDE DIAMETER | BASE PLATE (W x L) | WEIGHT (POUND) |
|--------------|--|--------|------------------|--------------------|----------------|
| BOL-24-2     | YELLOW POWDER COAT                                     | 24"    | 1 3/4"           | 4" x 4"            | 6              |
| BOL-36-2     | YELLOW POWDER COAT                                     | 36"    | 1 3/4"           | 4" x 4"            | 9              |
| BOL-42-2     | YELLOW POWDER COAT                                     | 42"    | 1 3/4"           | 4" x 4"            | 10             |
| BOL-48-2     | YELLOW POWDER COAT                                     | 48"    | 1 3/4"           | 4" x 4"            | 11             |
| BOL-24-4.5   | YELLOW POWDER COAT                                     | 24"    | 4 1/2"           | 8" x 8"            | 17             |
| BOL-36-4.5   | YELLOW POWDER COAT                                     | 36"    | 4 1/2"           | 8" x 8"            | 22             |
| BOL-42-4.5   | YELLOW POWDER COAT                                     | 42"    | 4 1/2"           | 8" x 8"            | 26             |
| BOL-48-4.5   | YELLOW POWDER COAT                                     | 48"    | 4 1/2"           | 8" x 8"            | 29             |
| BOL-62-4.5   | YELLOW POWDER COAT                                     | 62"    | 4 1/2"           | 8" x 8"            | 39             |
| BOL-72-4.5   | YELLOW POWDER COAT                                     | 72"    | 4 1/2"           | 8" x 8"            | 49             |
| BOL-24-5.5   | YELLOW POWDER COAT                                     | 24"    | 5 1/2"           | 8" x 8"            | 20             |
| BOL-36-5.5   | YELLOW POWDER COAT                                     | 36"    | 5 1/2"           | 8" x 8"            | 26             |
| BOL-42-5.5   | YELLOW POWDER COAT                                     | 42"    | 5 1/2"           | 8" x 8"            | 30             |
| BOL-48-5.5   | YELLOW POWDER COAT                                     | 48"    | 5 1/2"           | 8" x 8"            | 35             |
| BOL-62-5.5   | YELLOW POWDER COAT                                     | 62"    | 5 1/2"           | 8" x 8"            | 45             |
| BOL-72-5.5   | YELLOW POWDER COAT                                     | 72"    | 5 1/2"           | 8" x 8"            | 55             |
| BOL-36-6.5   | YELLOW POWDER COAT                                     | 36"    | 6 5/8"           | 8" x 8"            | 30             |
| BOL-42-6.5   | YELLOW POWDER COAT                                     | 42"    | 6 5/8"           | 8" x 8"            | 49             |
| BOL-48-6.5   | YELLOW POWDER COAT                                     | 48"    | 6 5/8"           | 8" x 8"            | 51             |
| BOL-62-6.5   | YELLOW POWDER COAT                                     | 62"    | 6 5/8"           | 8" x 8"            | 61             |
| BOL-72-6.5   | YELLOW POWDER COAT                                     | 72"    | 6 5/8"           | 8" x 8"            | 71             |
| BOL-36-8.5   | YELLOW POWDER COAT                                     | 36"    | 8 5/8"           | 10" x 10"          | 53             |
| BOL-42-8.5   | YELLOW POWDER COAT                                     | 42"    | 8 5/8"           | 10" x 10"          | 62             |
| BOL-48-8.5   | YELLOW POWDER COAT                                     | 48"    | 8 5/8"           | 10" x 10"          | 126            |
| AS-383       | ANCHOR BOLTS FOR CONCRETE (1) 3/8" x 3" (1 3/4" UNITS) |        |                  | 1                  |                |
| AS-383-4PK   | ANCHOR BOLTS FOR CONCRETE (4) 3/8" x 3" (1 3/4" UNITS) |        |                  | 4                  |                |
| AS-344       | ANCHOR BOLTS FOR CONCRETE (1) 3/4" x 4" (OTHER UNITS)  |        |                  | 1                  |                |
| AS-344-4PK   | ANCHOR BOLTS FOR CONCRETE (4) 3/4" x 4" (OTHER UNITS)  |        |                  | 4                  |                |

## Replaceable Bollard Caps

Replace lost or damaged bollard caps. Easy to attach. Plastic cap has serrated tapered teeth for press-fit installation.

| MODEL NUMBER            | MATERIAL | INNER DIAMETER PIPE FITTING | FITS MODEL | WEIGHT (POUND) |
|-------------------------|----------|-----------------------------|------------|----------------|
| <b>BOL-CAP-1.75-P</b> Ⓢ | PLASTIC  | 1.38" (1 1/4" SCH. 40 PIPE) | BOL-2      | 2              |
| <b>BOL-CAP-4.5-P</b> Ⓢ  | PLASTIC  | 4.26" (4" SCH. 10 PIPE)     | BOL-4.5    | 2              |
| <b>BOL-CAP-5.5-P</b> Ⓢ  | PLASTIC  | 5.30" (5" SCH. 10 PIPE)     | BOL-5.5    | 2              |
| <b>BOL-CAP-1.75-R</b> Ⓢ | RUBBER   | 1.38" (1 1/4" SCH. 40 PIPE) | BOL-2      | 2              |
| <b>BOL-CAP-5.5-R</b> Ⓢ  | RUBBER   | 5.30" (5" SCH. 10 PIPE)     | BOL-5.5    | 2              |



PLASTIC series BOL-CAP-P



RUBBER series BOL-CAP-R

48 Hours to Ship



## Protective Dome Covers for Bollards

Prevent accidents and injuries from people tripping over raised bolts. Easy to use device slides over bollards covering mounting hardware and base plate for a nice clean finish. Durable yellow baked-in powder-coated toughness. Steel construction. No hardware required.

| MODEL NUMBER      | USE WITH                 | OUTSIDE DIAMETER | HEIGHT   | WEIGHT (POUND) |
|-------------------|--------------------------|------------------|----------|----------------|
| <b>DOME-4.5</b> Ⓢ | 4 1/2" DIAMETER BOLLARDS | 14"              | 2 13/16" | 8              |
| <b>DOME-5.5</b> Ⓢ | 5 1/2" DIAMETER BOLLARDS | 14"              | 2 3/4"   | 9              |



48 Hours to Ship

POWDER COATED TOUGH

model DOME-4.5

## Special Powder Coat Finishes for Guards & Barriers

Now you can select from a variety of colors to fit many different types of bollard installations. Color codes can quickly identify different areas in a factory. For example use red to signal fire extinguishers. To complete your buildings appearance choose from our architectural color palette. Simply add the "SPO" number to your product number and contact factory for current pricing.

| MODEL NUMBER                | DESCRIPTION       | COLOR             | GLOSS LEVEL |
|-----------------------------|-------------------|-------------------|-------------|
| <b>ARCHITECTURAL COLORS</b> |                   |                   |             |
| <b>SPO-PC-BRN-EB</b>        | EARTH BROWN       | DARK BROWN        | 85%         |
| <b>SPO-PC-BRN-KT</b>        | KHAKI TAN         | MEDIUM BEIGE      | 85%         |
| <b>SPO-PC-BRN-SB</b>        | SANDY BEIGE       | LIGHT BEIGE       | 85%         |
| <b>SPO-PC-BLK-HG</b>        | BLACK, HIGH GLOSS | BLACK, HIGH GLOSS | 85%         |
| <b>SPO-PC-BLK-SG</b>        | BLACK, SEMI-GLOSS | BLACK, SEMI-GLOSS | 35%         |
| <b>SPO-PC-GRN-H</b>         | HUNTER GREEN      | DARK GREEN        | 85%         |
| <b>SPO-PC-GRN-T</b>         | TRACTOR GREEN     | MEDIUM GREEN      | 85%         |
| <b>SPO-PC-GY-SG</b>         | BATTLE SHIP GRAY  | MEDIUM GRAY       | 85%         |
| <b>SPO-PC-GY-MG</b>         | MACHINE GRAY      | LIGHT GRAY        | 85%         |

POWDER COATED TOUGH



DARK BROWN



MEDIUM BEIGE



LIGHT BEIGE



BLACK HIGH GLOSS



DARK GREEN



MEDIUM GREEN



MEDIUM GRAY



LIGHT GRAY

| MODEL NUMBER               | DESCRIPTION   | COLOR       | GLOSS LEVEL |
|----------------------------|---------------|-------------|-------------|
| <b>BRIGHT/ALERT COLORS</b> |               |             |             |
| <b>SPO-PC-WT</b>           | SNOWY WHITE   | WHITE       | 85%         |
| <b>SPO-PC-SR</b>           | SODA RED      | RED         | 85%         |
| <b>SPO-PC-ORG-C</b>        | CITRUS ORANGE | ORANGE      | 85%         |
| <b>SPO-PC-BL-E</b>         | ERGO BLUE     | VESTIL BLUE | 85%         |
| <b>SPO-PC-BG</b>           | BUBBLE GUM    | PINK        | 85%         |



WHITE



RED



ORANGE



BLUE



PINK