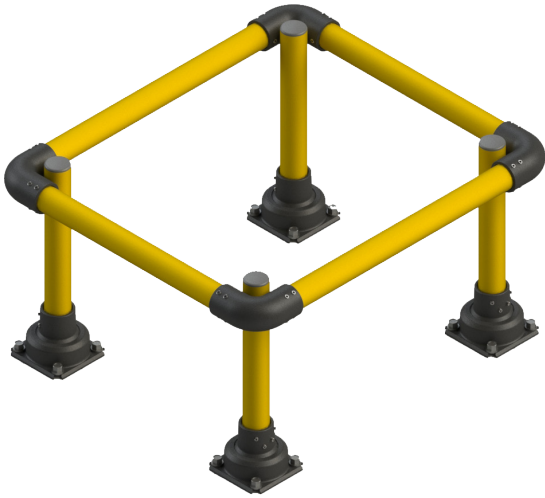




IronFlex Column Protectors

PROTECTIVE GUARDING

SPEC SHEET | P/N **SSXY-24-CP**



Product Specifications

| | |
|--------------------|---|
| Color | RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal |
| Temperature Rating | -40°F - 150°F |
| Pipe Coating | 60 µm Galvanized + 150 µm Polyester Outdoor Powder Coating |
| Cast-Iron Coating | Environmentally Friendly Water-based E-Coat + Polyester Outdoor Powder Coating |
| Cap | Black Plastic |
| Impact Rating | 3" I9-7 (20,000 joules) 4" I15-7 (33,300 joules) 5" I15-7 (33,300 joules) 6" I20-7 (44,400 joules) |

Recommended Uses

Protects structural building columns and other vertical members

3" Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 20,000 | 40,012 | 80,000 |
| ANSI MH 31.2 | I9-7 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 9.4 | 13.3 | 18.8 |
| 7,500 | 7.7 | 10.8 | 15.3 |
| 10,000 | 6.6 | 9.4 | 13.3 |
| 12,500 | 5.9 | 8.4 | 11.9 |
| 15,000 | 5.4 | 7.7 | 10.8 |
| 17,500 | 5.0 | 7.1 | 10.0 |
| 20,000 | 4.7 | 6.6 | 9.4 |
| 25,000 | 4.2 | 5.9 | 8.4 |
| 30,000 | 3.8 | 5.4 | 7.7 |

4"-5" Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 33,300 | 66,620 | 133,200 |
| ANSI MH 31.2 | I15-7 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 12.1 | 17.1 | 24.2 |
| 7,500 | 9.9 | 14.0 | 19.8 |
| 10,000 | 8.6 | 12.1 | 17.1 |
| 12,500 | 7.7 | 10.8 | 15.3 |
| 15,000 | 7.0 | 9.9 | 14.0 |
| 17,500 | 6.5 | 9.2 | 12.9 |
| 20,000 | 6.1 | 8.6 | 12.1 |
| 25,000 | 5.4 | 7.7 | 10.8 |
| 30,000 | 4.9 | 7.0 | 9.9 |

6" Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 44,400 | 88,827 | 177,600 |
| ANSI MH 31.2 | I20-7 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 14.0 | 19.8 | 28.0 |
| 10,000 | 9.9 | 14.0 | 19.8 |
| 15,000 | 8.1 | 11.4 | 16.1 |
| 20,000 | 7.0 | 9.9 | 14.0 |
| 25,000 | 6.3 | 8.8 | 12.5 |
| 30,000 | 5.7 | 8.1 | 11.4 |
| 40,000 | 4.9 | 7.0 | 9.9 |
| 60,000 | 4.0 | 5.7 | 8.1 |
| 80,000 | 3.5 | 4.9 | 7.0 |

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The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.