



4" IronFlex Horseshoe Bollard

PROTECTIVE GUARDING

SPEC SHEET | P/N **SS4Y-28-HS-36**



Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Diameter	4" (3.5" ANSI Schedule 40)
Dimensions	28" H x 36" W
Product Weight	154 lb.
Impact Rating	I9-7 Rail (20,000 joules), I9-5 Post (10,200 joules)
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
Set Screws	M16
Anchor Screws	Eight (8) 5/8" x 5-1/2" Concrete

Recommended Uses

Equipment guarding
Fuel pump protection
Equipment and storage rack guarding
Drive-thru lanes
Utility protection
Column protection
Access denial
Pre- and post-tensioned concrete capable
Not for K-Rated security use

Rail 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

Post Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	10,200	20,406	40,800
ANSI MH 31.2	I9-5	calculated	calculated
Mass (lbs)	Speed (mph)	Speed (mph)	Speed (mph)
5,000	6.7	9.5	13.4
7,500	5.5	7.7	10.9
10,000	4.7	6.7	9.5
12,500	4.2	6.0	8.5
15,000	3.9	5.5	7.7
17,500	3.6	5.1	7.2
20,000	3.4	4.7	6.7
25,000	3.0	4.2	6.0
30,000	2.7	3.9	5.5

4955 Stout Drive, San Antonio, TX 78219
 (210) 736-4477 | 1-800-736-5256 | info@impactrecovery.com

impactrecovery.com

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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.