



# 4" IronFlex Double Rail

## PROTECTIVE GUARDING

SPEC SHEET | P/N **SS4Y-42-DF-X**



### Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Diameter	4" (3.5" ANSI Schedule 40)
Dimensions	42" H
Impact Rating	I9-7 Rail (20,000 joules), I9-5 Post (10,668 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	5/8" x 5-1/2" Concrete

### Recommended Uses

Medium duty
Protects from impacts to building structures
Equipment protection
Operator protection
Eliminates concrete damage from post impacts
Utility guarding

### 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

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