



Fork Protection Plate

PROTECTIVE GUARDING

SPEC SHEET | P/N **SS4Y-FPP-XX**



Product Specifications

Color	RAL 1023 Yellow
Dimensions	14"H x 80"W (max)
Impact Rating	I9-7 Rail (20,000 joules), I9-5 Post (10,200 joules)
Temperature Rating	-40°F - 150°F
Pipe Coating	150 µm Polyester Outdoor Powder Coating
Hardware	4" U-Bolts

Recommended Uses

- For use with SlowStop 4" products
- Pedestrian protection
- Electric PIT charging stations
- Rack ends
- Wall protection
- Anywhere fork intrusion can cause injury or facility damage

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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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.