



# IronFlex Single Rail Type 3

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T3Y-50-SF-XX**



## Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Diameter	177,8mm (6,3mm wall)
Height	50cm to centerline
Width	Up to 2.5m centers
Impact Rating	Rail 65.000 joules Post 26.700 joules
Temperature Rating	-40°C - 70°C
Pipe Coating	EN-ISO 1461 Galvanized + Polyester Powder Coating
Cast-Iron Coating	Environmentally Friendly Water-based KTL Coating + Polyester Powder Coating. C5I corrosion resistance.
Set Screws	M16 x 2,00 – 8mm Hex
Anchor Screws	M16x140 Concrete

## Recommended Uses

- Heavy duty
- Rack and equipment guarding
- Access denial
- Utility and fuel protection
- Conveyer and wall guarding
- Pit protection

## Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	65.000	130.039 calculated	260.000 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
5,000	18.4	26.0	36.7
7,500	15.0	21.2	30.0
10,000	13.0	18.4	26.0
15,000	10.6	15.0	21.2
20,000	9.2	13.0	18.4
25,000	8.2	11.6	16.4
30,000	7.5	10.6	15.0
35,000	6.9	9.8	13.9
40,000	6.5	9.2	13.0

## Post Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	26.700	53.416 calculated	106.800 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
5,000	11.8	16.6	23.5
7,500	9.6	13.6	19.2
10,000	8.3	11.8	16.6
15,000	6.8	9.6	13.6
20,000	5.9	8.3	11.8
25,000	5.3	7.4	10.5
30,000	4.8	6.8	9.6
35,000	4.4	6.3	8.9
40,000	4.2	5.9	8.3

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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.