



# FlexRail Composite Guardrail Type 1

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T1Y-100-GRS**



## Product Specifications

Color	RAL 1023 Yellow
Material	Proprietary Composite
Dimensions	100 cm (customizable) x 2m per section
Rail Break Strength	110 kN
Impact Rating	Rail 10.200 joules Post 7.000 joules
Temperature Rating	5°C to 65°C
Flexible	No Bending Equipment Required for Curves
End Caps	Option Universal End Cap (75 mm overhang)

## Recommended Uses

Light duty
Industrial equipment protection
Pedestrian aisle ways
Utility guarding
Access denial
Office protection
Computer desks and terminals
Parking perimeters

## Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (joules)	10.200	20.406 calculated	40.800 calculated
Mass (kg)			
	Speed (kph)	Speed (kph)	Speed (kph)
500	23.0	32.5	46.0
1,000	16.3	23.0	32.5
1,500	13.3	18.8	26.6
2,000	11.5	16.3	23.0
3,000	9.4	13.3	18.8
4,000	8.1	11.5	16.3
5,000	7.3	10.3	14.5
6,000	6.6	9.4	13.3
7,500	5.9	8.4	11.9

## Post Impact Chart

Impact Angle	90°
Rating (joules)	7.000
Mass (kg)	
	Speed (kph)
500	19.0
1,000	13.5
1,500	11.0
2,000	9.5
3,000	7.8
4,000	6.7
5,000	6.0
6,000	5.5
7,500	4.9

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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.