



# FlexRail Composite Guardrail Type 2

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T2Y-100-GRS**



## Product Specifications

Color	RAL 1023 Yellow
Material	Proprietary Composite
Dimensions	100 cm tall (customizable) x 2m per section
Rail Break Strength	110 kN
Impact Rating	Rail 17.000 Post 10.200
Temperature Rating	5°C to 65°C
Flexible	No Bending Equipment Required for Curves
End Caps	Optional Universal End Cap (75 mm overhang)

## Recommended Uses

Medium 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)	17,000	34,010 calculated	68,000 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
500	29.7	42.0	59.4
1,000	21.0	29.7	42.0
1,500	17.1	24.2	34.3
2,000	14.8	21.0	29.7
3,000	12.1	17.1	24.2
4,000	10.5	14.8	21.0
5,000	9.4	13.3	18.8
6,000	8.6	12.1	17.1
7,500	7.7	10.8	15.3

## Post 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

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

[impactrecovery.com](http://impactrecovery.com)

January 2024



©2024 Impact Recovery Systems, Inc.® All rights reserved. Impact Recovery Systems, OneBase, and Tuff Curb are registered trademarks of Impact Recovery Systems, Inc.® SlowStop® is a registered trademark of SlowStop Guarding Systems, LLC.®

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.