



4" FlexRail Composite Guardrail Single

PROTECTIVE GUARDING

SPEC SHEET | P/N **SS4Y-42-GR**



Product Specifications

Color	RAL 1023 Yellow
Material	Proprietary Composite
Dimensions	92" L x 14" H
Product Weight	Varies
Impact Rating	I9-5 (10,200 joules) mounted on 4" I15-3 (6,100 joules) mounted on 3"
Break Strength	24,870 lbf. Without Permanent Deflection
Temperature Rating	32° F
Mold	One Piece - Injection Molded
Flexible	No Bending Equipment Required for Curves
End Caps	Optional Universal 3" (Extensions)

Recommended Uses

Light duty pedestrian barrier
Frontal impacts only
Long aisles
Access denial
Interior parking perimeters

4" 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)
1,000	15.0	21.2	30.0
2,000	10.6	15.0	21.2
4,000	7.5	10.6	15.0
5,000	6.7	9.5	13.4
6,000	6.1	8.7	12.2
8,000	5.3	7.5	10.6
10,000	4.7	6.7	9.5
12,500	4.2	6.0	8.5
15,000	3.9	5.5	7.7

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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.