

CRASH CUSHION WITH ROLL DEFENDER

Code: MI-RD



WHAT'S A ROLL DEFENDER BARRIER?

This groundbreaking system also called roll defender, is a guardrail with rollers that prevent vehicles from fatal accidents, it is used in low speed tracks, highways and high specification roads.

FEATURES

- Rolling barrier system that absorbs the impact strength of vehicles through rollers that redirect vehicle into the road, reducing the mortality rate and injury severity on highways, high and low speed tracks.
- Avant-garde engineering and design.
- Great resistance to environment and extreme temperature changes.
- High intensity reflective strips.
- With new generation crash cushion on the front end of the Roll Defender (optional).
- Flexible cushioning (Vitemflex plates).
- Steel guardrail mounted on 5 polyurethane shock absorbing rollers. The Test Level depends on the level of security required in each point, the Roll Defender can be conformed by single, double or triple rollers.



Single Roll Defender for low speed tracks



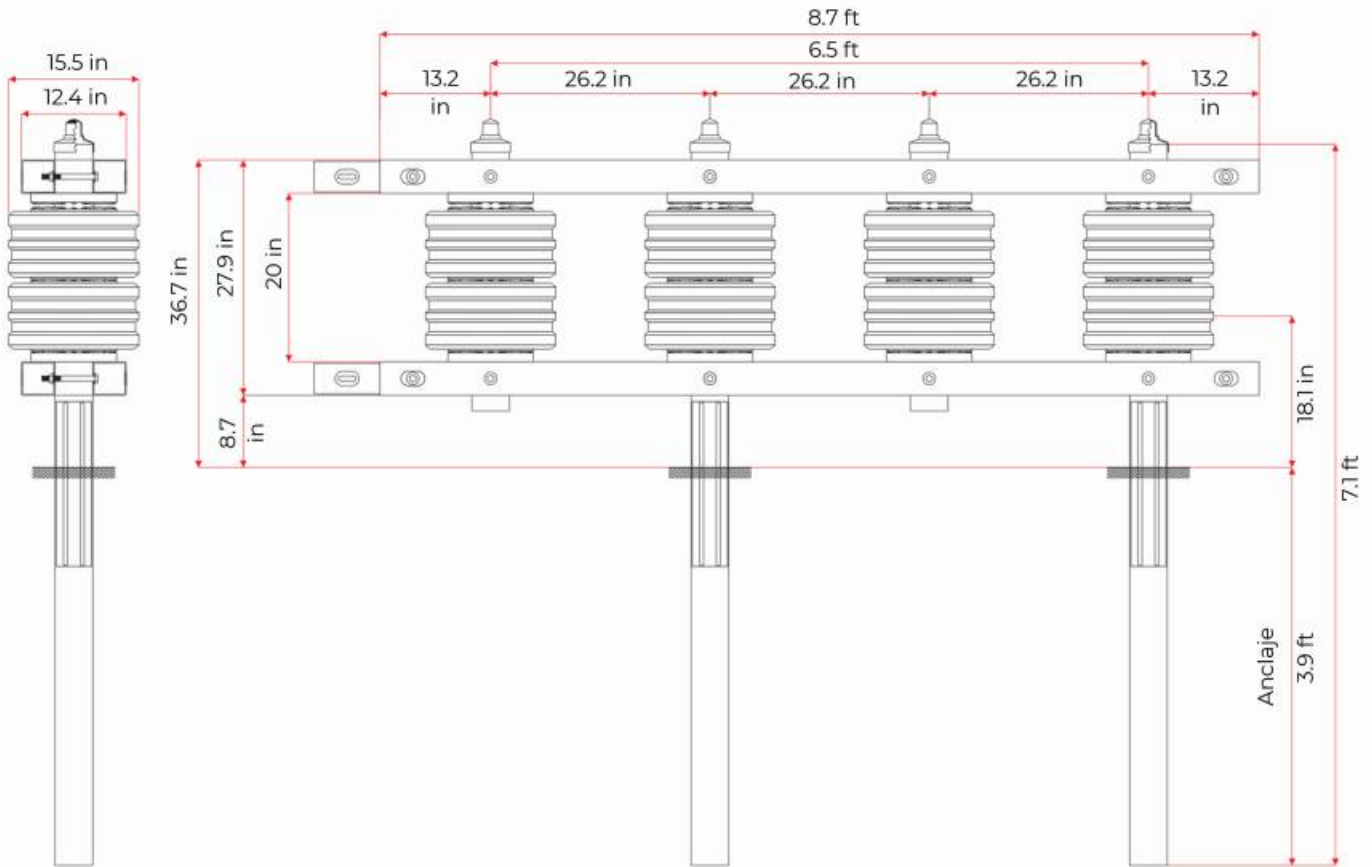
Double Roll Defender for high speed tracks



Triple Roll Defender for heavy duty vehicles

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Front View

Lateral View



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MEASUREMENTS

Dimensions and other measures are nominal and may vary by + / - 2%.

Manufactured in	<ul style="list-style-type: none"> • 4" x 4" PTR • Schedule 30 -pipes with a 4.5" diameter 	Reflective material	<ul style="list-style-type: none"> • High intensity
Metal coating	<ul style="list-style-type: none"> • Hot dip galvanized steel 	Anchoring for reinforced posts	<ul style="list-style-type: none"> • Polymer concrete and 3/8" rods
Rims	<ul style="list-style-type: none"> • L.P.D. Flex 	Assembly	<ul style="list-style-type: none"> • 5/8" galvanized bolts
Rollers	<ul style="list-style-type: none"> • L.D.P. Flex • Ø 15.5 in, 8.6 in height 	Measurements of curve sections	<ul style="list-style-type: none"> • Sections of 8.7 ft
Brakes	<ul style="list-style-type: none"> • 2 per axle, upper and lower brake 	Measurements of straight sections	<ul style="list-style-type: none"> • Sections of 19.6 ft
Post cap material	<ul style="list-style-type: none"> • L.D.P. Flex • Ø. 4.7 in. 3.6 in height 	Crash cushion (optional)	<ul style="list-style-type: none"> • Vitemflex cushioning