GRXRLS13

MONORAIL BUMPER



OVERVIEW

The Groxx GRXRLS13 is a critical safety termination component designed for rigid rail fall arrest systems. It functions as a dynamic end-stop, preventing the traveler shuttle from exiting the rail track while simultaneously absorbing the kinetic energy of any low-velocity impacts at the line extremities.

KEY FEATURES

- **Impact Energy Absorption**: Engineered with an integrated elastic buffer structure, the GRXRLS13 dampens the force of a "rushing" shuttle, protecting the traveler's internal bearings and the rail's structural integrity from sudden shock loads.
- **Safety Limiting Function**: Acts as a reliable mechanical barrier that ensures the mobile anchor point remains securely within the operational boundaries of the rail system.
- **High Load Resistance**: Specifically designed to withstand the significant impact loads generated by heavy traveler units, such as the GRXRLS12 Horizontal Traveler, during operational transit.
- **M10 Structural Interface**: Features a robust M10 threaded connection, allowing for high-torque installation and long-term vibration resistance.

TECHNICAL SNAPSHOT

PARAMETER	GRXRLS13
Model Number	GRXRLS13 (Ref: ADA2503070004)
Material Composition	AISI 304 Stainless Steel & Silicone (Sil)
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)
Safe Load Capacity	12 kN
Safety Factor	1.5
Unit Weight	26 g
Dimensions (D x H)	ø25 mm x 31 mm

USE & INSPECTION

Install to the Groxx instructions by trained installers. Inspect before each use and at least every 12 months by a competent person.

STANDARDS

EN 795:2012 Type D | CEN/TS 16415

> The GRXRLS13 Rail Bumper is a small but vital insurance policy for any rail installation.

FULL DATA SHEET ↗

Product page ↗