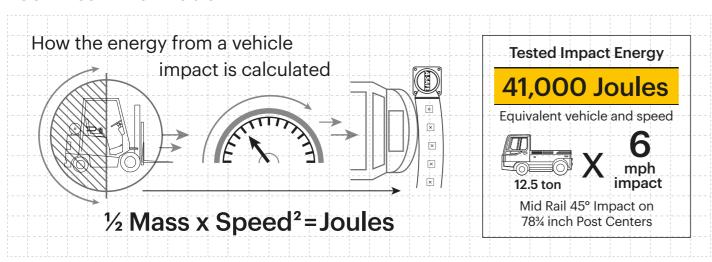
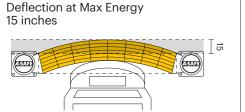
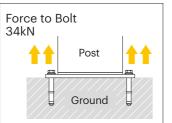
Technical Information



Impact Test	Impact Angle on 78% inch Post Centers			
	90°	67.5°	45°	22.5°
Mid Rail Max Energy (Joules)	20,500	24,017	41,000	139,983

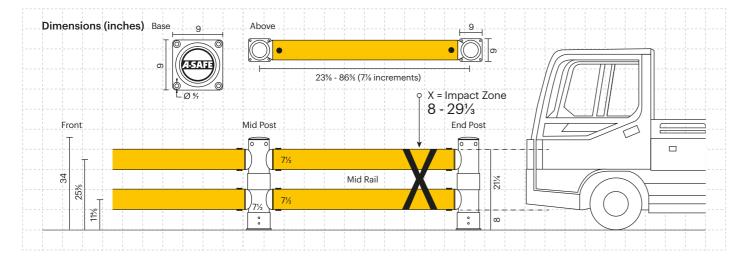
End Post Max Energy (Joules) - 90°	6,900
Mid Post Max Energy (Joules) - 90°	6,900





Material Properties	WEWASTEX.
Material Properties	WEIVVAPLEX
Temperature Range	14°F to 122°F
Ignition Temperature	698°F to 734°F
Flash Point	662°F to 698°F
Toxicity	Not Hazardous
Chemical Resistance	Excellent - ISO/TR 10358
Weathering Stability (Grey Scale)	5/5*
Light Stability (Blue Wool Scale)	7/8**
Static Rating (Surface Resistivity)	1015 - 1016 Ω
Hygiene Seals	Yes

- * Weathering scale 1 is very poor and 5 is excellent
- ** Light stability scale 1 is very poor and 8 is excellent



Post Options



Rail Options

Standard Yellow RAL 1007* PANTONE 7548*	Standard Black RAL 9005* PANTONE Black	Standard Grey RAL 9007* PANTONE Cool Grey 5*

Color Combinations

*Please note that the RAL and PANTONE colors listed are the closest match to standard A-SAFE colors, but may not be exact matches of the actual product color and should be used for guidance only.



Atlas

Double Traffic Guardrail

withstand repeated impacts from some of the largest

Typically used to protect baggage conveyors, flood light

any heavy-duty environment requiring unrivalled safety.

masts, pier and charging units, Atlas Guardrails are ideal for

and heaviest workplace vehicles.

A-SAFE



Tested to the global benchmark in guardrail safety

bsi. PAS 13

Code of Practice for Workplace Safety Guardrails



(Sled and • PAS 13, Si (Pass and



Engineered for performance

Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our unique 3-phase coupling system, a wealth of technical ingenuity goes into every A-SAFE product to ensure that it performs perfectly every time you need it to. We are continuously innovating to solve the greatest workplace safety challenges on behalf of our customers and our numerous patents

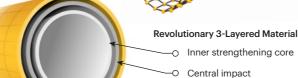
attest to our industry-leading commitment to research and development. Ultimate strength polymer Unrivalled recovery created from an exclusive through a unique built-in composition of the most memory that allows the

sophisticated polyolefins and rubber guardrail to flex, cushion and additives, expertly blended for reform repeatedly upon unequalled strength and flexibility. impact, saving vast amounts in guardrail and vehicle repairs.

O Huge return on investment from incident prevention and downtime avoidance as guardrails, vehicles, floors and equipment do not need replacing or repair.



Advanced Engineering O-Molecular reorientation during manufacturing creates a unique built-in memory that enables the barrier to fully recover following impacts.



absorption zone Outer UV stabilized

color layer

Self colored and UV stabilized for continued visibility and long lasting aesthetics with no repainting. PHASE 1: Memaplex™ rail flexes to absorb impact, initiating the rail pin to slide forward and transfer load energy to the compression pocket.

Energy Absorption System

unparalleled energy absorption

Q Post Q Post Q Coupling

Pin

A patented 3-phase system that activates sequentially for

Q Rail Pin

○ Compression ○ Rail

Pocket

PHASE 2: Compression of the pocket continues to disperse energy as the coupling rotates around the post pin to activate further absorption.



PHASE 3: At peak energy, the coupling twists further, engaging the post pin and instigating torsion of the post to dispel remaining forces.



Hygiene seals

prevent the ingress of dirt and debris.

No floor damage

Galvanized Steel

resistance for

harsh climate

environments.

outdoor use and

Increased weather

80% of impact force is absorbed, transferring just 20% to the floor.



be replaced in-situ Patented system without removing adjacent guardrail

dissipates impact forces through the guardrail and away from floors and fixings, preventing costly

Heavy Duty Self-Undercutting Anchors create a durable mechanical interlock with flooring, giving exceptional pull-out resistance under extreme

ADDITIONAL BASE OPTIONS



Water resistant

wipe-clean, food safe surface.

> Stainless Steel 316 Stainless Steel 316

Ergonomic design with

no sharp edges.

 Environmentally friendly and 100% recyclable.

Standard

Ultimate performance option, no corrosion or rusting and resistant to powerful cleaning agents. Ideal for hygiene environments.



Ultra-low maintenance

material is chemical

and water resistant,

non-scratch and self

repainting, rusting,

flaking or corrosion.

non-corrosive,

colored so no



Multi-directional

system ensures a

operation and the

streamlined fit into any

removal of hard angles.