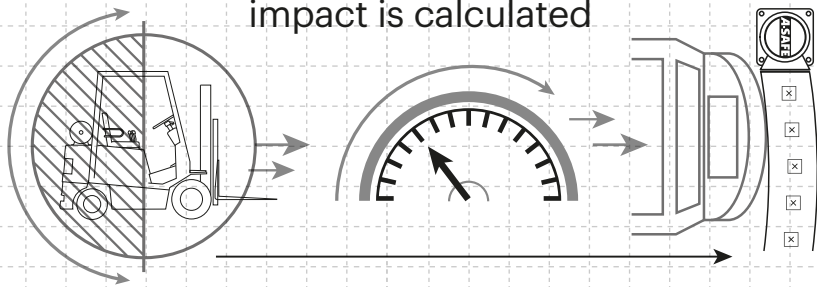


Technical Information

How the energy from a vehicle impact is calculated

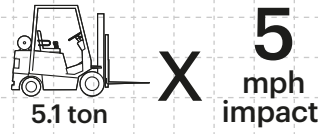


$$\frac{1}{2} \text{ Mass} \times \text{Speed}^2 = \text{Joules}$$

Tested Impact Energy

11,600 Joules

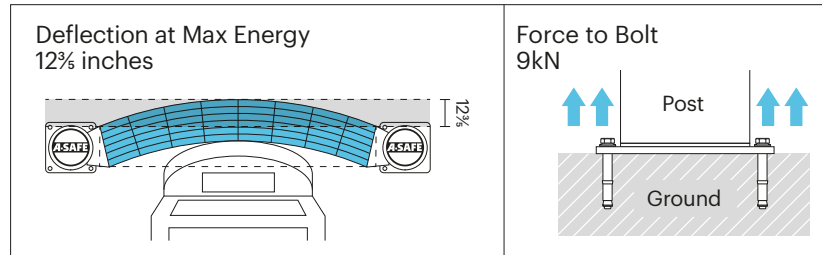
Equivalent vehicle and speed



Mid Rail 45° Impact on 59 inch Post Centers

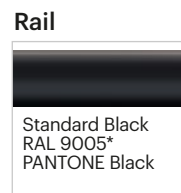
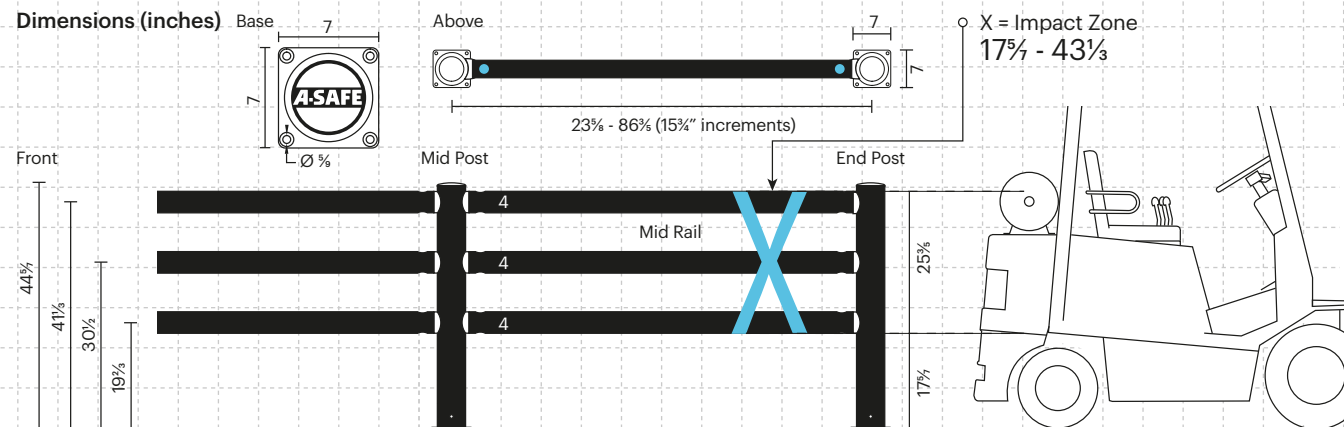
Impact Test	Impact Angle on 59 inch Post Centers			
	90°	67.5°	45°	22.5°
Mid Rail Max Energy (Joules)	5,800	6,795	11,600	39,605

End Post Max Energy (Joules) - 90°	3,700
Mid Post Max Energy (Joules) - 90°	2,700



Material Properties	
Temperature Range	-22°F to 32°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



Color Combination

*Please note that the RAL and PANTONE color 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.



iFlex™

Cold Storage Pedestrian Guardrail 3 Rail



A-SAFE iFlex Cold Storage Pedestrian Guardrail 3 Rail is designed to segregate pedestrians from active forklift trucks and other workplace hazards. This ergonomic barrier has been purpose-engineered for applications within sub-zero environments such as cold storage facilities. It delivers supreme performance in temperatures as low as -22°F.

Manufactured from Memaplex™ Sub-Zero, a unique blend of polymers designed to withstand multiple impacts without cracking or fragmenting, iFlex Cold Storage Pedestrian Guardrail 3 Rail provides visual guidance by defining walkways, while also segregating pedestrians from traffic such as forklift trucks.

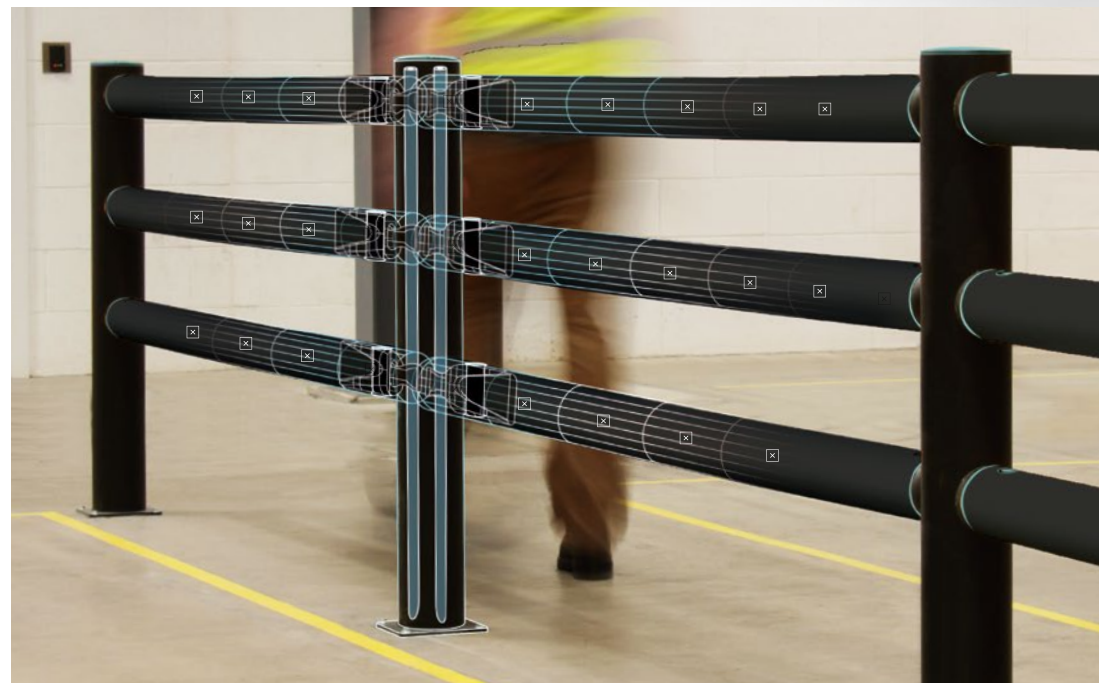
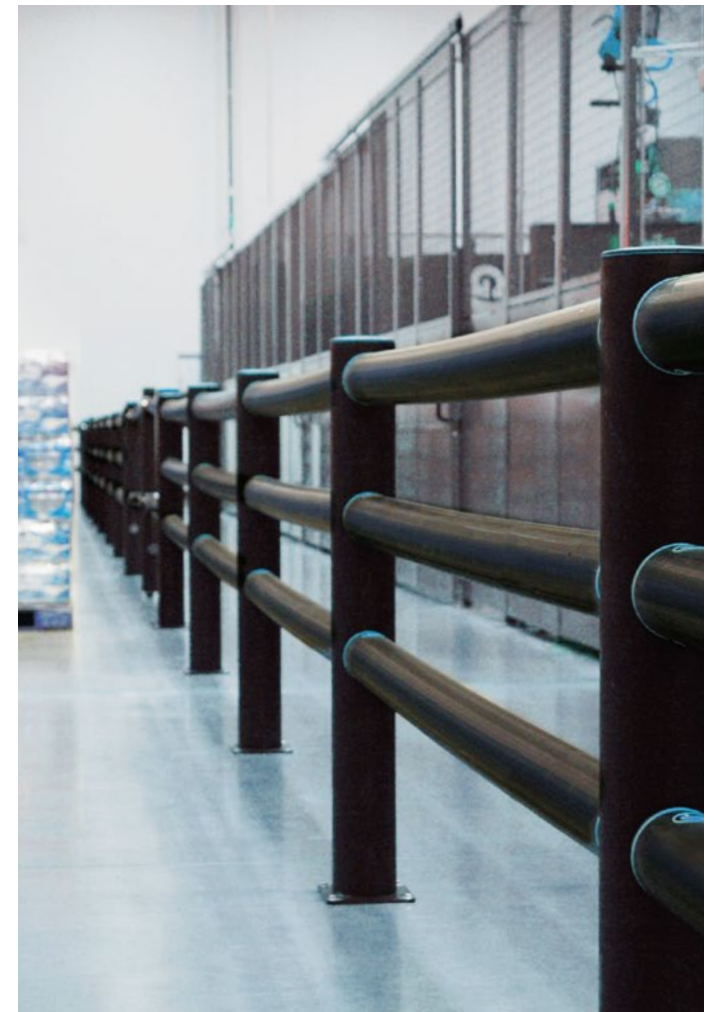
Ideal for busy sub-zero environments where vehicles are in operation and there is a risk of collision.



Your Authorized A-SAFE Distributor
856-687-2227 • sales@banksindustrial.com • BanksIndustrial.com
PO Box 382 • Berlin, NJ 08009

Engineered for performance

A-SAFE Cold Storage products are state of the art and have been precision engineered to deliver the highest levels of performance in extreme sub-zero environments. Designed, developed, tested and manufactured in-house at our cutting-edge facility, every component is purpose-built to function flawlessly and deliver the ultimate in durability.



Climate tested
A-SAFE cold storage products are dynamically impact-tested to PAS 13 standards under realistic climate conditions to ensure they perform perfectly everytime.

bsi.
PAS13
Code of Practice for Workplace Safety Barriers