



Tested to the
global benchmark
in guardrail safety

bsi. PAS 13

Code of Practice for
Workplace Safety
Guardrails



ForkGuard Cold Storage Kerb Guardrail

A-SAFE Cold Storage ForkGuard is designed to provide ground-level impact and piercing protection for walls, infrastructure and equipment. It has been purpose-engineered for applications within sub-zero environments such as cold storage facilities and delivers supreme performance in temperatures as low as -30°C.

Manufactured from Memaplex™ Sub-Zero, a unique blend of polymers designed to withstand multiple impacts without cracking or fragmenting, the Cold Storage ForkGuard deflects vehicle forks in shallow angle or low-force impacts. It also serves as a pallet stop or buffer to prevent stored goods from encroaching into pedestrian areas or walkways.

The Cold Storage ForkGuard is floor-mounted and bolted from above. It can be easily integrated with A-SAFE Cold Storage guardrails to provide complete protection within your cold storage facility.



Your Authorized A-SAFE Distributor

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Technical Information

Unique sub-zero material science specially developed to perform in very cold conditions, Memaplex™ Sub-Zero is an exclusive composition of the most sophisticated polyolefins and rubber additives, blended for unequalled strength and flexibility.

Ultra-low maintenance material is chemical and water resistant, non-corrosive, non-scratch and self coloured so no repainting, rusting, flaking or corrosion.

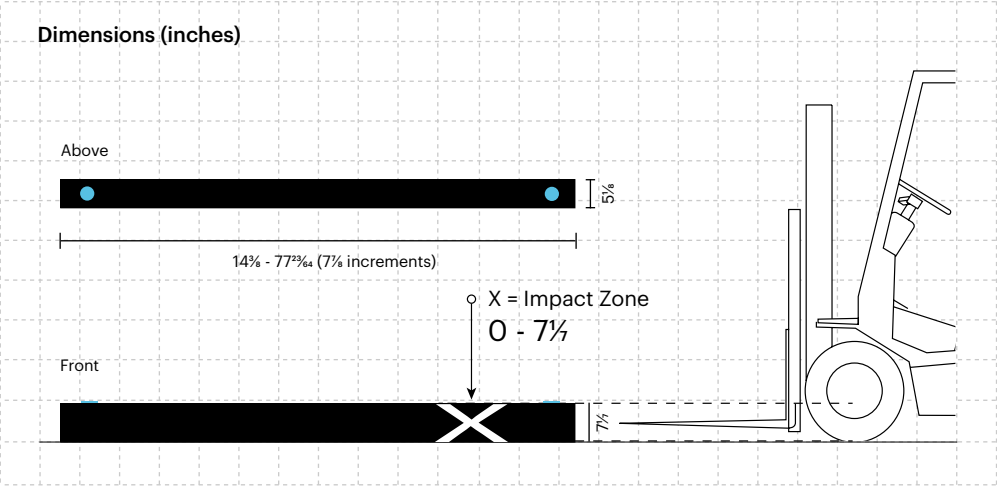
Enhanced hygiene created by a smooth unbroken surface that reduces ingress points and is easy to clean. Protective rubber seal at the base ensures dirt and debris cannot access underneath.

Environmentally friendly and 100% recyclable.

Simple assembly with encapsulating end caps and the A-SAFE logo for clear orientation.

Easy installation bolted down extrusion with simple installation from above.

Engineered design optimises the surface for impact recovery. Tapering at the top provides enhanced deflection to create a spring effect. Rounded corners remove stress raising parts that are susceptible to snapping.



Impact Test

Max Energy (Joules) at 90° **3,000**

Deflection at Max Energy 12 inches

Material Properties	MEMAPLEX™
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

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

Colour Combination

Standard Black with Yellow Stripes
RAL 9005* PANTONE Black

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



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