



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.



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

MEMAPLEX SUB-ZERO

Revolutionary 3-Layered Material

-O Inner strengthening core Central impact absorption zone

Outer UV stabilized color layer

> 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.



Multi-directional system ensures a material is chemical streamlined fit into and water resistant, any facility and the non-corrosive, removal of hard non-scratch and self colored so no angles. repainting, rusting,

Ultra-low maintenance

flaking or corrosion.

Exclusive modularity allows rails and posts to be replaced in-situ without removing adjacent barrier

Energy Absorption System Patented system

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

> Zinc nickel coating on base plates as standard, provides advanced protection against corrosion damage.

No floor damage 80% of impact force is absorbed. transferring just 20% to the floor.

Environmentally friendly and 100% recyclable.

Self colored for enduring high visibility and long-lasting aesthetics with no need for repainting.

Ergonomic design with no sharp edges.



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