

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.

Energy Absorption System
Patented system connects posts and rail, absorbing impact forces in 3 phases to diffuse energy and prevent damage.

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.

Unrivalled resilience
through a unique built-in memory that allows material to flex, cushion and reform repeatedly after impacts, saving vast amounts in repairs.

Huge return on investment
from incident prevention and downtime avoidance as height restrictor, infrastructure and overhead equipment does not need replacing or repair.

Modular & versatile
in-line coupling, ensure a tailored fit to meet specific customer size requirements.

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

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

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

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

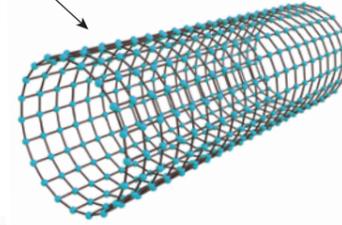
Ease of installation
with modular, interlocking sections.

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

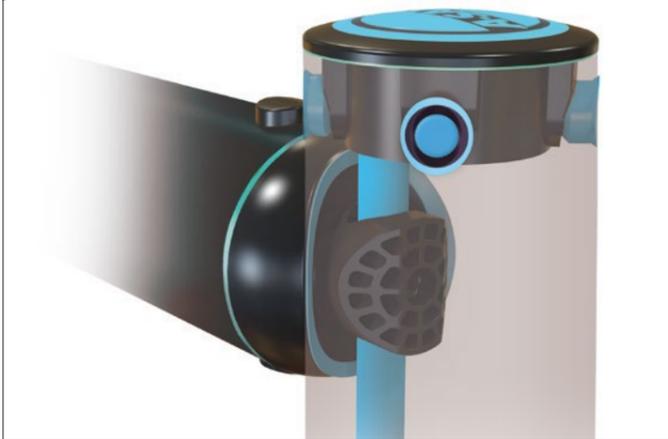
MEMAPLEX™ SUB-ZERO

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



Revolutionary 3-Layered Material

- Inner strengthening core
- Central impact absorption zone
- Outer UV stabilized color layer



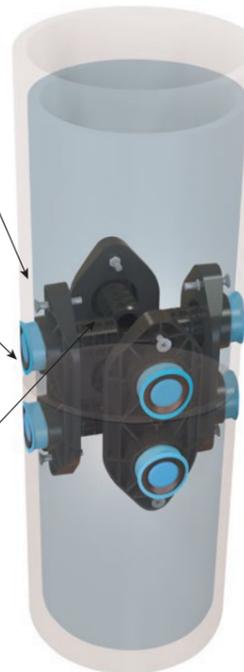
In-line coupling for a complete modular solution

The iFlex in-line coupling introduces a new level of modularity to the A-SAFE product range. The 19" vertical coupling enables the product to be built up in 4 inch increments from 78" up to 204" inches. The 39" horizontal coupling offers widths from 47" to 236" again in 4 inch increments.

Four pin positioning
to adjacent sections gives increased rigidity and stability.

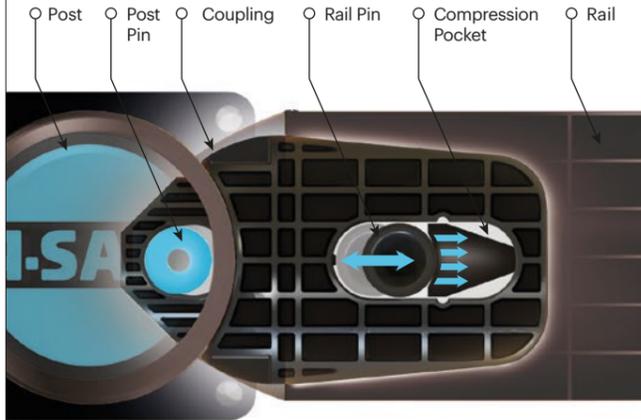
Seamless join
on external edges gives a continuous flush finish along the length.

Moulded pins
lock securely into the internal layer with a quarter turn.

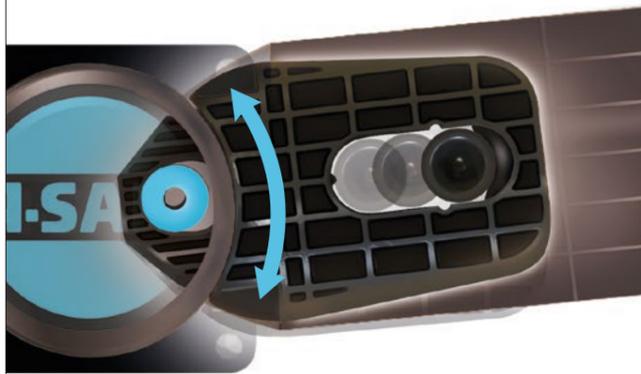


Energy Absorption System

A patented 3-phase system that activates sequentially for unparalleled energy absorption



PHASE 1: Memaplex™ rail flexes to absorb impact, initiating the rail pin to slide forward and transfer load energy to the compression 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.