

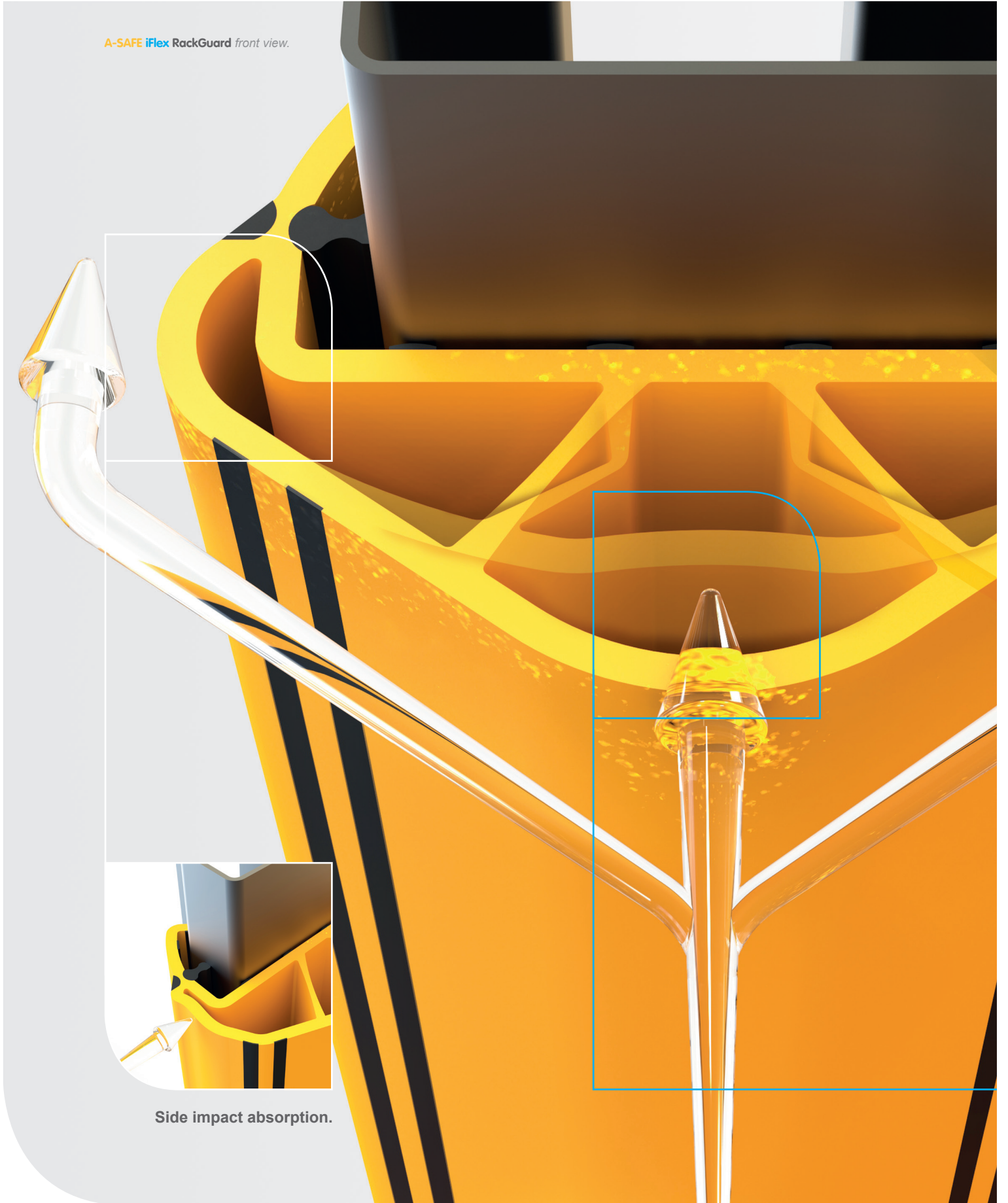


Always Supplying Advanced Flexible Excellence

iflex RackGuard



A-SAFE iFlex RackGuard front view.



Side impact absorption.



WHY CHOOSE THE iFlex RackGuard?

Protecting racking in your workplace is vital. Choosing the right sort of protection is equally important, and we have launched the new **iFlex** RackGuard which is the best rack leg protector that you can buy. It performs.

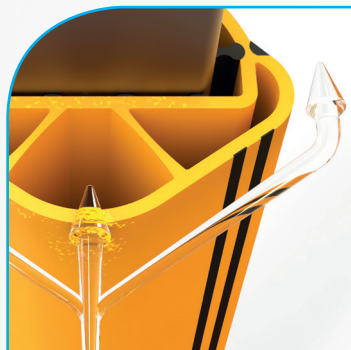
A scientific design that brings with it a host of unique benefits, if you have racking, you need the RackGuard.

Side impact absorption.

If struck from the side, the impact energy is absorbed and the guard then reforms to its original shape.

Front impact absorption.

When hit from the front the guard reduces the impact and transfers the energy around the rack leg rather than through it, reducing damage.

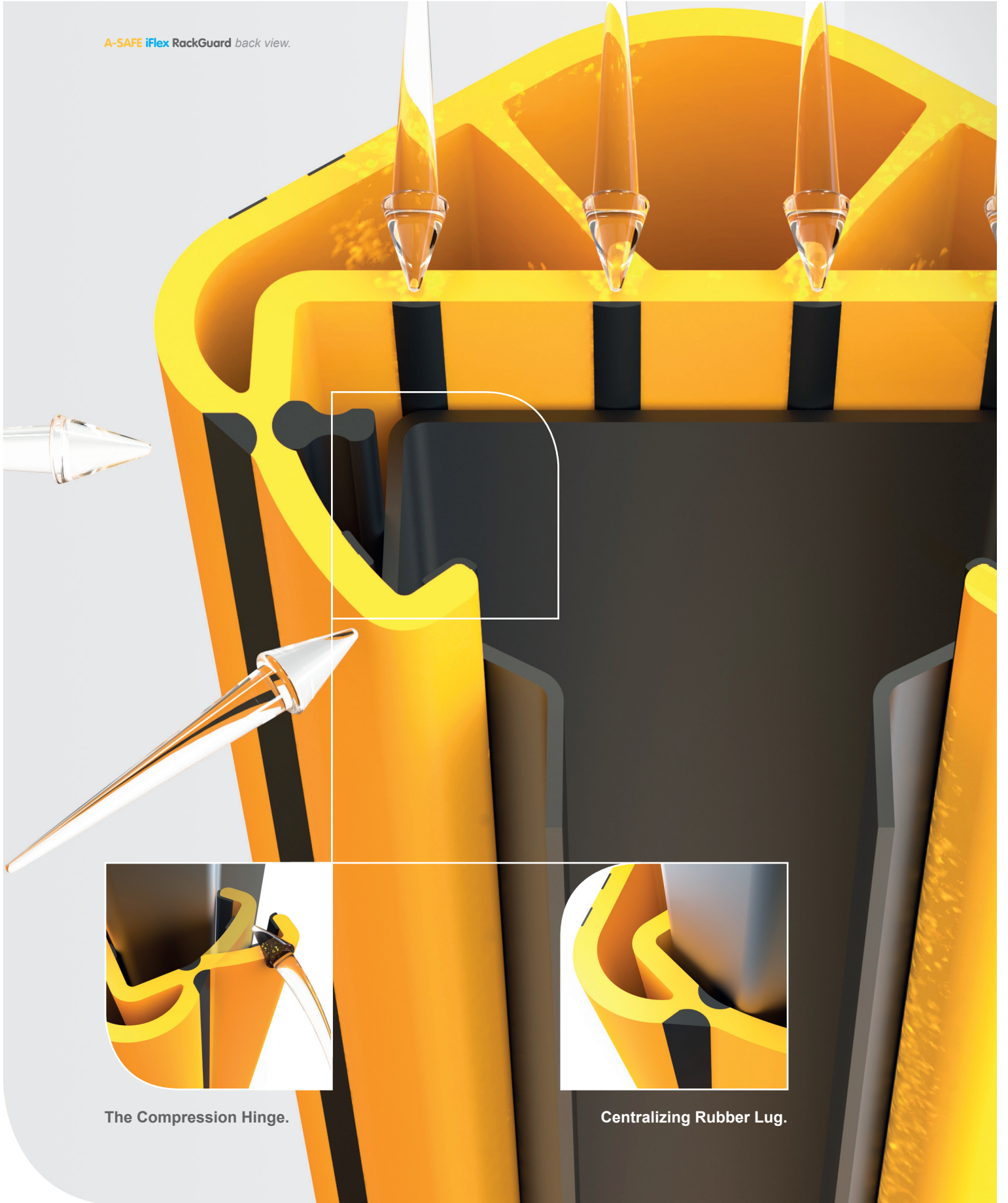


Front impact absorption.



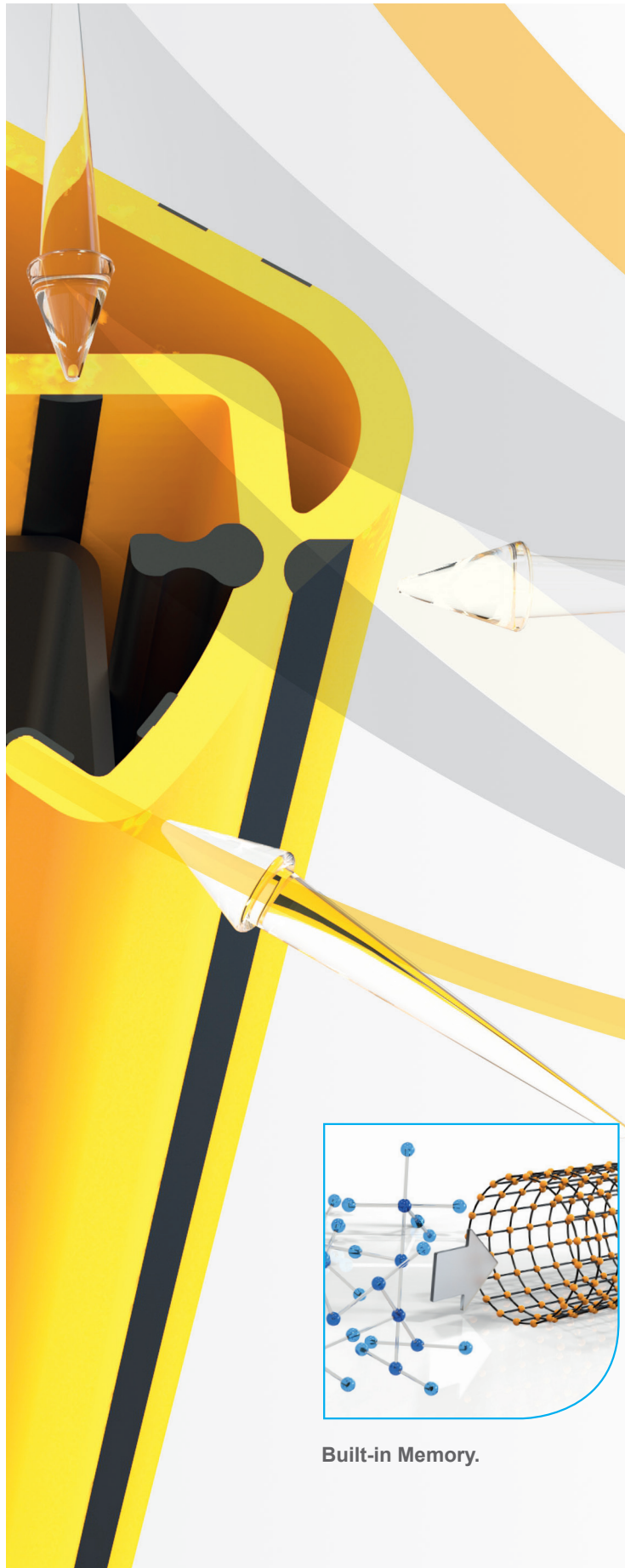
BMW parts warehouse - (Northampton UK).

A-SAFE iFlex RackGuard back view.



The Compression Hinge.

Centralizing Rubber Lug.



The Compression Hinge.

This unique feature ensures that the leg is in a constant state of compression and grips securely around the racking leg.

Centralizing Rubber Lug.

A distinctive benefit, specially designed to ensure the RackGuard fits central to any sized rack leg.

Built-in Memory.

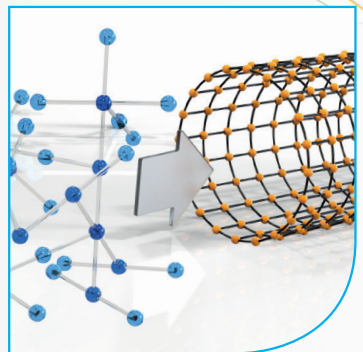
Made from our exclusive material, **Memaplex**, this strong and flexible product allows it to return to its original shape after impact time and time again.

Various leg lengths & sizes.

Whatever your rack leg size, our RackGuard will fit.

Ten Frictional Grip Points.

For an improved overall grip to any rack leg.

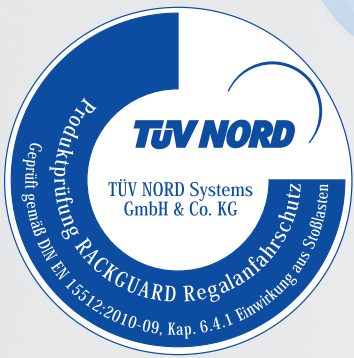


Built-in Memory.

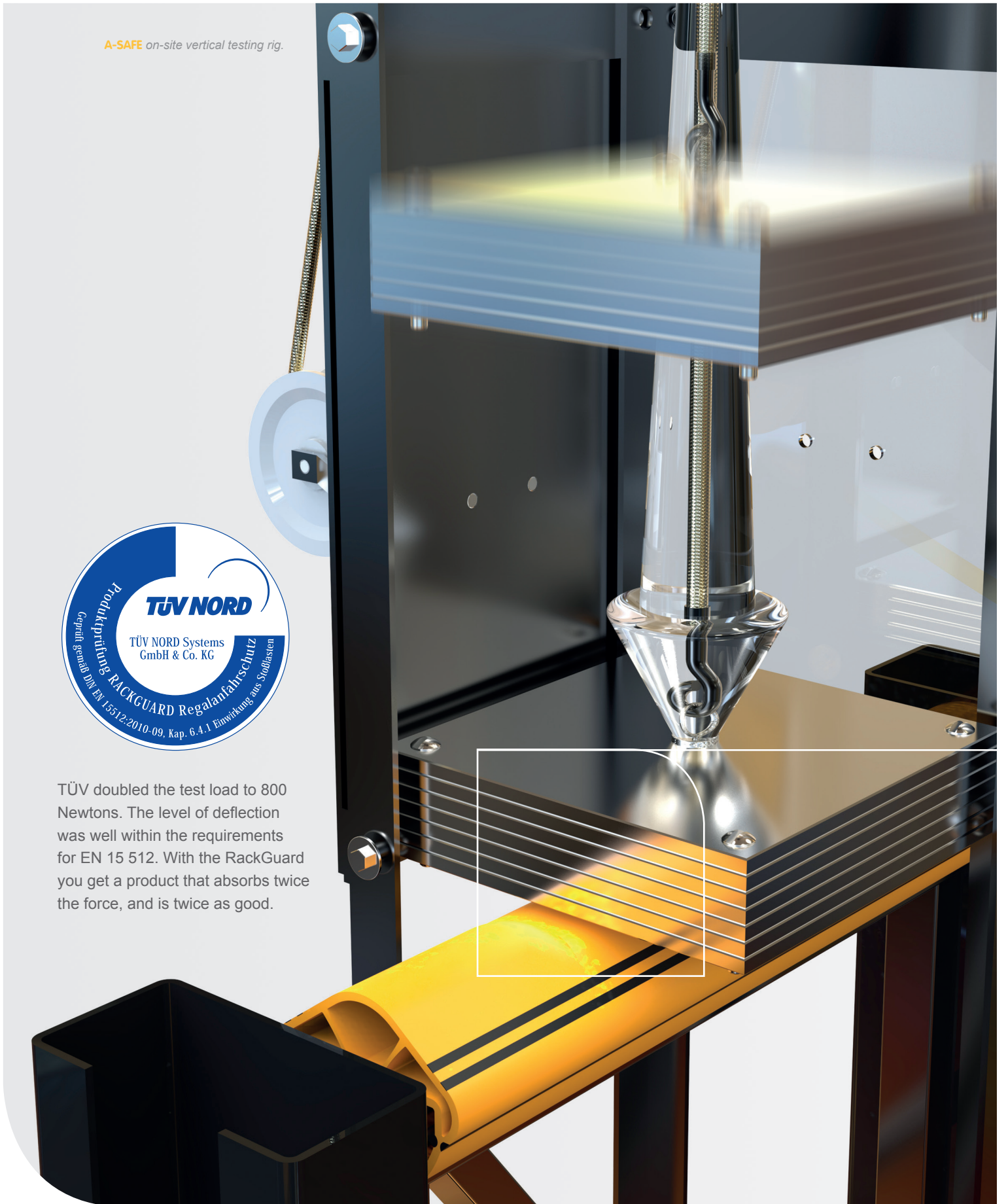


New warehouse installation.

A-SAFE on-site vertical testing rig.

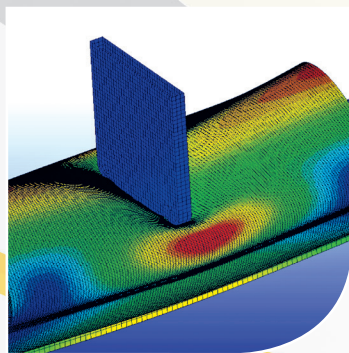


TÜV doubled the test load to 800 Newtons. The level of deflection was well within the requirements for EN 15 512. With the RackGuard you get a product that absorbs twice the force, and is twice as good.





TESTED TO THE MAXIMUM



Finite Element Analysis (FEA) is a computer based method of analyzing the behavior of engineering structures and components under a variety of controlled conditions.

The **iFlex** RackGuard has undergone rigorous testing.

After spending hundreds of hours on FEA testing, we made the prototype on which to perform physical tests.

For the physical test, we mounted the RackGuard to a medium duty steel racking upright. We perform a front impact drop test where 220.5 lbs weight is dropped from 3.3 feet resulting in a velocity of 32.2 feet/s. This generates a force of 1000 newtons, equivalent to a 4409 lbs vehicle travelling at 2.2 mph.

Additional tests showed zero deflection on the racking after five front impacts of 400 newtons, giving you five times the safety factor.

The **iFlex** RackGuard also comes to you with independent approval that guarantees your peace of mind. It is TÜV certified to EN 15 512 standard. It has also achieved the protection outlined in the FEM 10.2.02 standard, and the AS 4084 (Australia) standard. TÜV also approve our in-house testing apparatus.

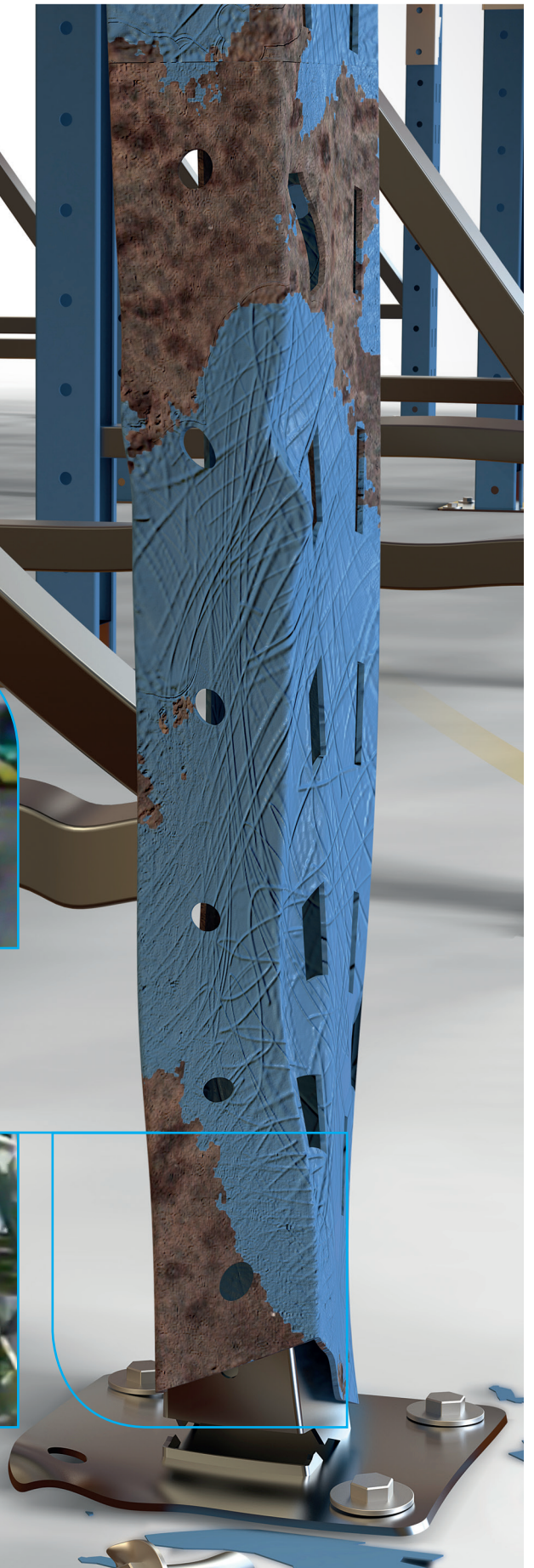


Proding Packaging - (Germany).

Typical damaged racking.



The **iFlex RackGuard** protects your warehouse by absorbing accident impacts and preventing rack legs from weakening.





MAINTAINING HIGHER STANDARDS

Did you know that, under current codes of practice:

- The maximum amount of front deflection allowed on a rack leg is .11 inch.
- The maximum amount of side deflection allowed on a rack leg is .2 inch.

It is also common sense that, where racking is likely to be struck by lift trucks and other vehicles, it should be protected.

Generally, such damage is at the lower levels of the racking – and governing bodies all over the world recommend:

- Using renewable column guards to minimize the risk of damage from accidental impact.
- Corner uprights in a run of racking should be suitably provided with a protective device in a conspicuous color as they are particularly high-risk.



Schneider Electronics new warehouse full installation - (France).

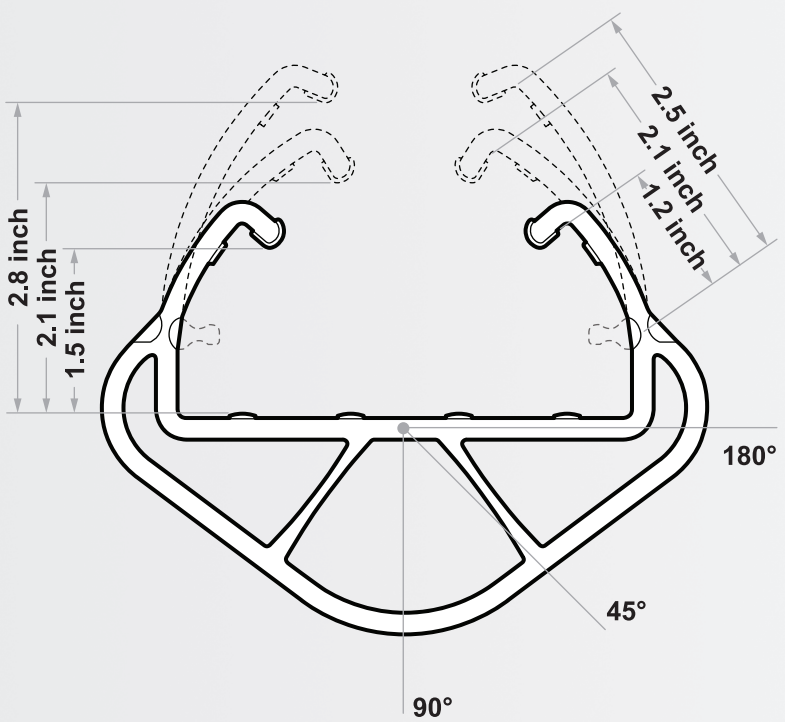
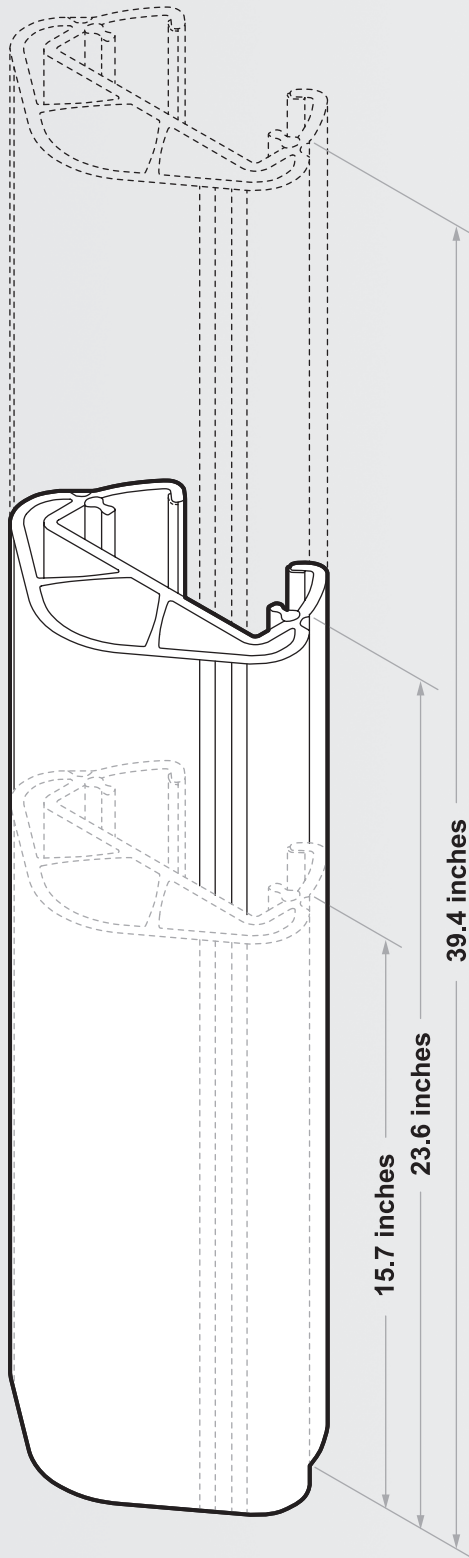
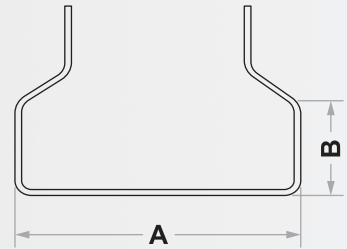
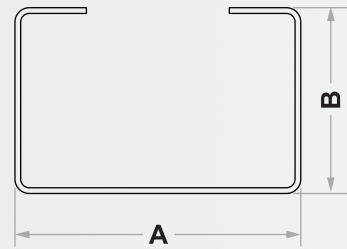
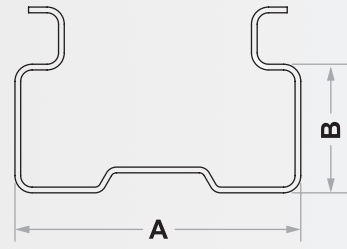
The **iFlex RackGuard** has been tested to ensure that you're protected against forbidden levels of deflection, and is independently tested and certified to EN 15 512 and FEM 10.2.02, and achieves the protection outlined in the AS 4084 (Australia) standard.

iFlex RackGuard

MEMAPLEX™
MEMAPLEX™ FR



- The **iFlex RackGuard** is available in a range of sizes, made from **Memaplex** and comes with unique hinged legs – allowing them to fix securely to any type of racking system.





Angle of impact		45°	90°	180°
Tested impact energy (Joules)		800	1000	800
Equivalent vehicle weight (lbs)		4409	4409	4409
Equivalent vehicle speed (mph)		2	2.2	2

Material Properties

Temperature	MEMAPLEX™		5 °F to 122 °F
Temperature	MEMAPLEX®		-40 °F to 86 °F
Chemical Resistance			Excellent - ISO / TR 10358
Fire Rating			HB / F
Food Contact			Yes
Toxicity			None
Conductivity			No

Environment

CO ₂ / f		11.7
Recyclability		100%











Terms and conditions apply.
Standard Warranty 2 years.

Part No.	Description	A - Rack width (max)	B - Rack depth (max)
040-0002	iFlex RackGuard (S) SL - 23.6 inches	4 inches	1.8 inch
040-0005	iFlex RackGuard (S) ML - 23.6 inches	4 inches	2.7 inch
040-0008	iFlex RackGuard (S) LL - 23.6 inches	4 inches	3.1 inch
040-0011	iFlex RackGuard (S) SLR - 23.6 inches	3.3 inches	1.8 inch
040-0014	iFlex RackGuard (S) MLR - 23.6 inches	3.3 inches	2.7 inch
040-0017	iFlex RackGuard (S) LLR - 23.6 inches	3.3 inches	3.1 inch
040-0020	iFlex RackGuard (L) SL - 23.6 inches	5 inch	3 inch
040-0023	iFlex RackGuard (L) SLR - 23.6 inches	4.4 inch	3 inch
040-0026	iFlex RackGuard FR (S) SL - 23.6 inches	4 inches	1.8 inch
040-0029	iFlex RackGuard FR (S) ML - 23.6 inches	4 inches	2.7 inch
040-0032	iFlex RackGuard FR (S) LL - 23.6 inches	4 inches	3.1 inch
040-0035	iFlex RackGuard FR (S) SLR - 23.6 inches	3.3 inches	1.8 inch
040-0038	iFlex RackGuard FR (S) MLR - 23.6 inches	3.3 inches	2.7 inch
040-0041	iFlex RackGuard FR (S) LLR - 23.6 inches	3.3 inches	3.1 inch
040-0044	iFlex RackGuard FR (L) SL - 23.6 inches	5 inch	3 inch
040-0047	iFlex RackGuard FR (L) SLR - 23.6 inches	4.4 inch	3 inch

* The 15.7 inches & 39.4 inches **iFlex RackGuard**'s will be available upon request.



Always Supplying Advanced Flexible Excellence

- | | | |
|---|------------------------|--|
|  | A-Safe (UK) Ltd | United Kingdom, Head Office |
|  | A-Safe GmbH | Germany, Austria, Switzerland |
|  | A-Safe SAS | France, Suisse Romande, Belgique (Wallonie) |
|  | A-Safe, Inc. | United States of America |
|  | A-Safe Pty Ltd | Australia |
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