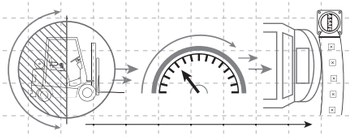
Technical Information

- ☑ Rigorously tested to fully comply with EN 15512, EN 15635 and the Australian standard AS 4084
- ☑ Independently certified by world-leading test experts TŰV Nord

How the energy from a vehicle impact is calculated



½ Mass x Speed² = Joules

Tested Impact Energy

1,000 Joules

Equivalent vehicle and speed



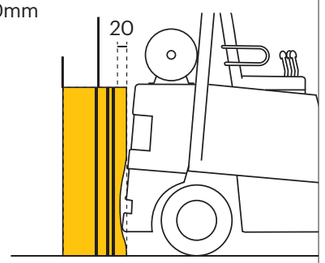
3 tonne X **1.8 mph impact**

90° Impact on RackGuard

Impact Test

Max Energy (Joules) **1,000**

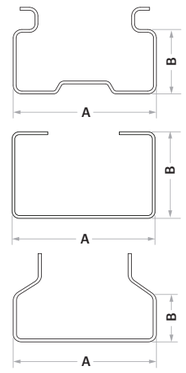
Deflection at Max Energy
20mm



Material Properties	MEMAPLEX™
Temperature Range	-10°C to 50°C
Ignition Temperature	370°C to 390°C
Flash Point	350°C to 370°C
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	No

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

Racking Profiles

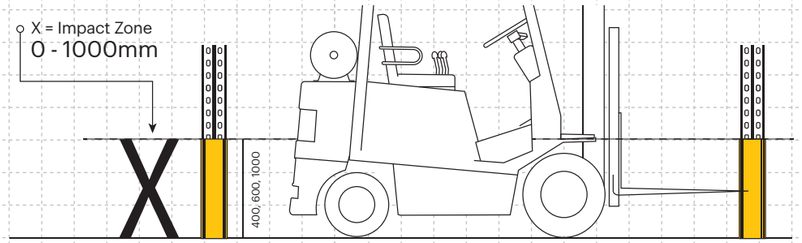


RackGuard Sizes

Description	A-Rack width (max)	B-Rack depth (max)
RackGuard (S) SL	102	45
RackGuard (S) ML	102	68
RackGuard (S) LL	102	80
RackGuard (S) SLR	85	45
RackGuard (S) MLR	85	68
RackGuard (S) LLR	85	80
RackGuard (L) SL	126	75
RackGuard (L) SLR	112	75

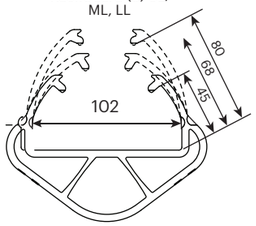
All RackGuards are available in 400, 600 and 1000mm heights.

Dimensions (mm)

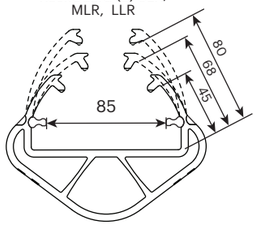


Compression hinges have various widths to fit a range of racking profiles.

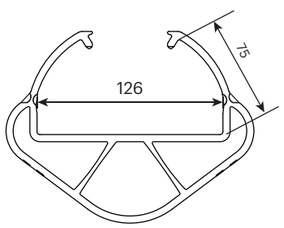
RackGuard (S) SL, ML, LL



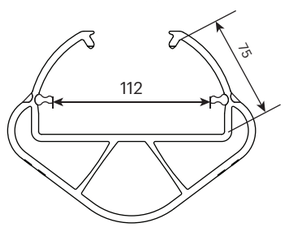
RackGuard (S) SLR, MLR, LLR



RackGuard (L) SL

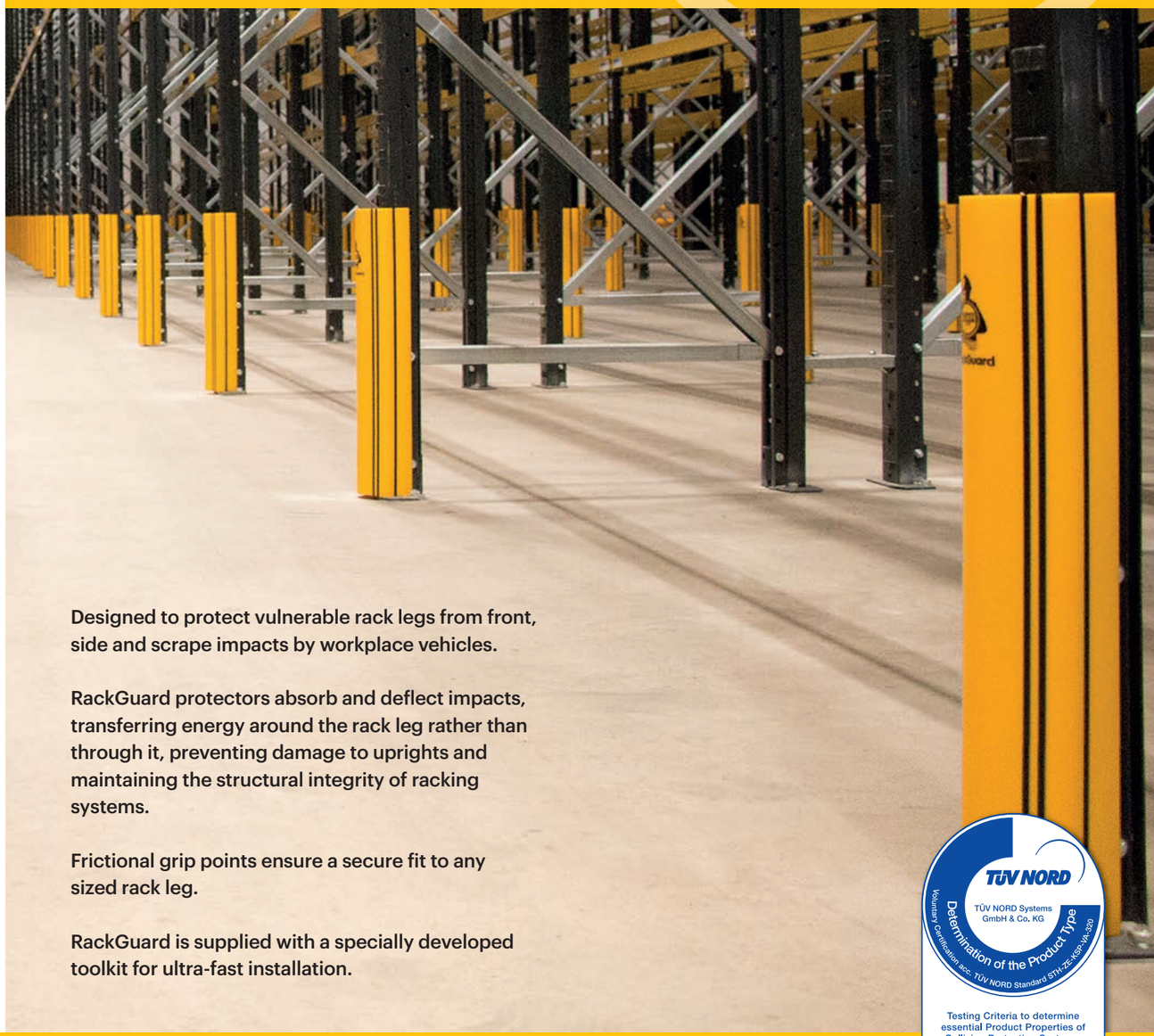


RackGuard (L) SLR



A-SAFE™

RackGuard
Rack Leg Protector



Designed to protect vulnerable rack legs from front, side and scrape impacts by workplace vehicles.

RackGuard protectors absorb and deflect impacts, transferring energy around the rack leg rather than through it, preventing damage to uprights and maintaining the structural integrity of racking systems.

Frictional grip points ensure a secure fit to any sized rack leg.

RackGuard is supplied with a specially developed toolkit for ultra-fast installation.

TÜV NORD
TÜV NORD Systems GmbH & Co. KG
Determination of the Product Type
Voluntary Certification acc. TÜV NORD Standard STH-ZEKSP-VK-320

Testing Criteria to determine essential Product Properties of Collision Protection Systems:

- DIN EN 15512, Sec. 6.4.1 (Impact of Shock Loads)
- DIN EN 15635, Sec. 9.5.1 (Damage Assessment to Columns and Bracing Elements)

For further information: www.tuev-nord.de

A-SAFE UK Ltd
Ainley House, Ainleys Industrial Estate, Elland, Halifax HX5 9JP United Kingdom
www.asafe.com

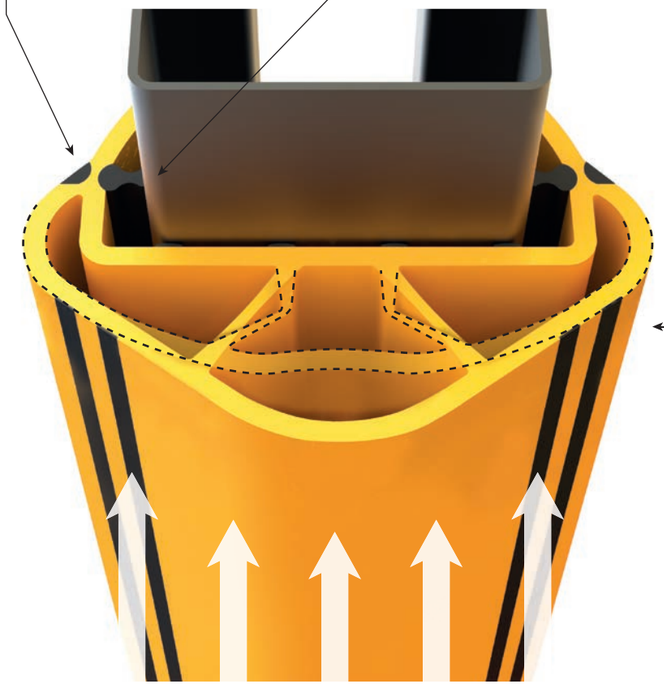
PROTECT SAFE SYSTEM
0739.646.666 - office@protectsafe.ro

Engineered for performance

State-of-the-art products from A-SAFE are meticulously engineered to deliver the highest performance. 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.

Compression hinge
A rubber compression hinge provides added strength under impact, improving performance and longevity.

Frictional grip points
ensure a tight grip to any sized rack leg.

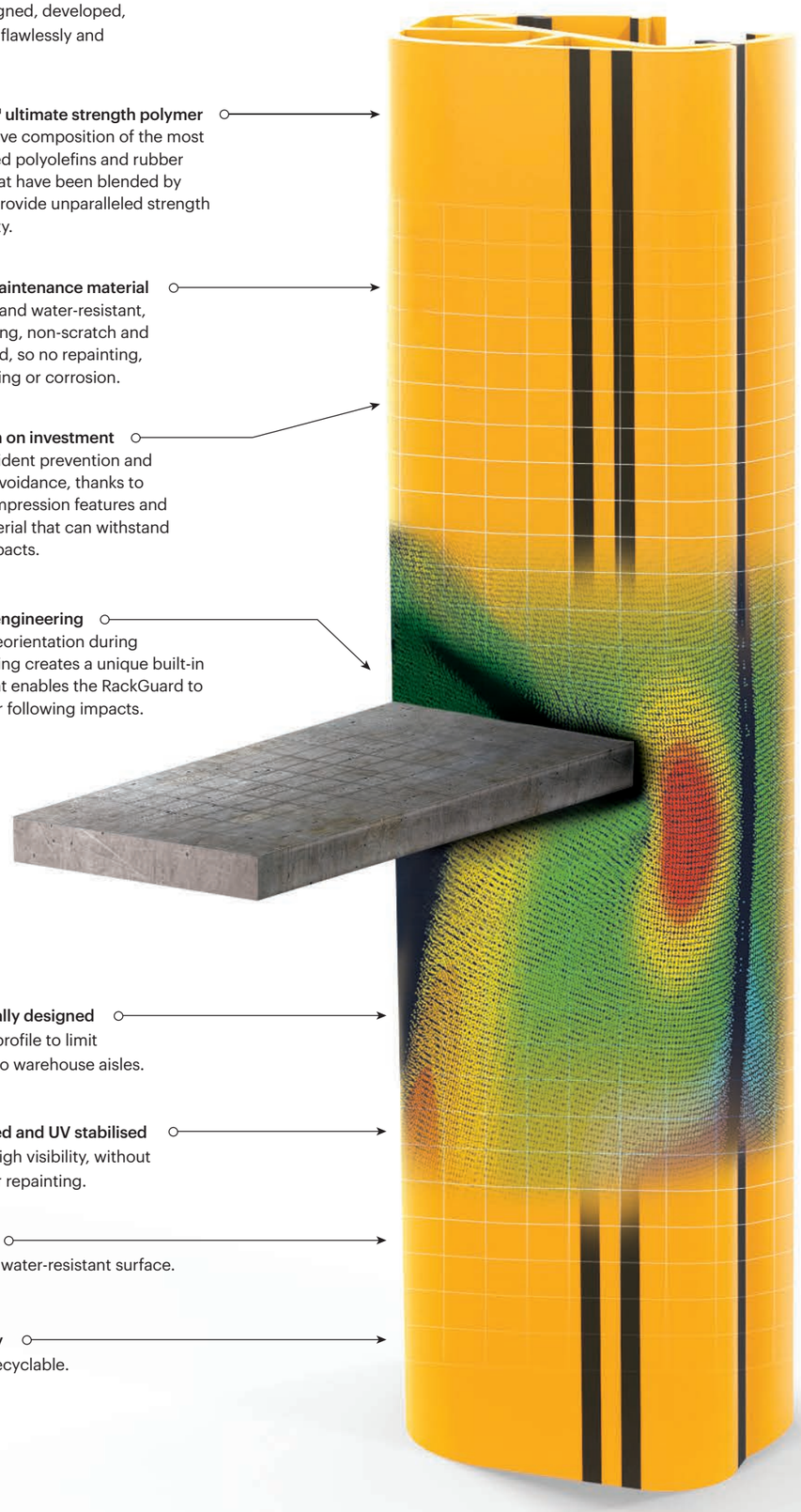


Memaplex™ ultimate strength polymer
is an exclusive composition of the most sophisticated polyolefins and rubber additives that have been blended by experts to provide unparalleled strength and flexibility.

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

Huge return on investment
through incident prevention and downtime avoidance, thanks to resilient compression features and unique material that can withstand multiple impacts.

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



Ergonomically designed
with a slim profile to limit intrusion into warehouse aisles.

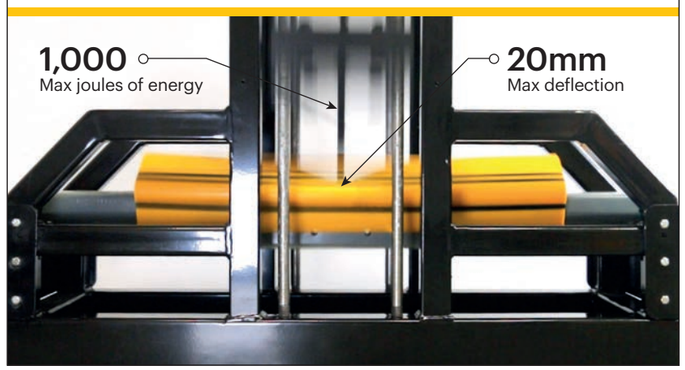
Self coloured and UV stabilised
for lasting high visibility, without the need for repainting.

Food safe
wipe-clean, water-resistant surface.

Eco-friendly
and 100% recyclable.

Independently verified performance

RackGuard has been rigorously tested to fully comply with the highest standards for storage equipment, including EN 15512, EN 15635 and the Australian standard AS 4084. Furthermore, testing has been independently verified by TÜV Nord – one of the world's leading independent test organisations – for total peace of mind.





RackGuard is supplied with a specially designed toolkit to ensure it can be installed and removed easily.



RackGuards can also be installed above ground level to protect racks from loading and unloading damage.



Cold Storage option available
Purpose engineered for cold storage temperatures as low as -30°C.

See separate data sheet for details.



Dual branding option
RackGuard can be personalised with your company logo to create a unified branding experience throughout your warehouse facility. Your logo will be prominently printed above the standard A-SAFE logo on every RackGuard.