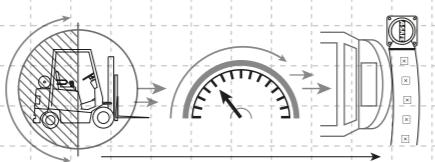


## Technical Information

Rigorously tested to fully comply with EN 15512, EN 15635 and the Australian standard AS 4084

Independently certified by world-leading test experts TÜV Nord

How the energy from a vehicle impact is calculated



$$\frac{1}{2} \text{ Mass} \times \text{Speed}^2 = \text{Joules}$$

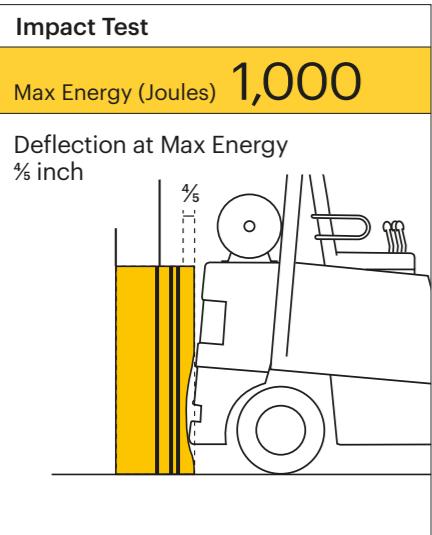
Tested Impact Energy

**1,000 Joules**

Equivalent vehicle and speed

3.3 ton  $\times$  1.8 mph impact

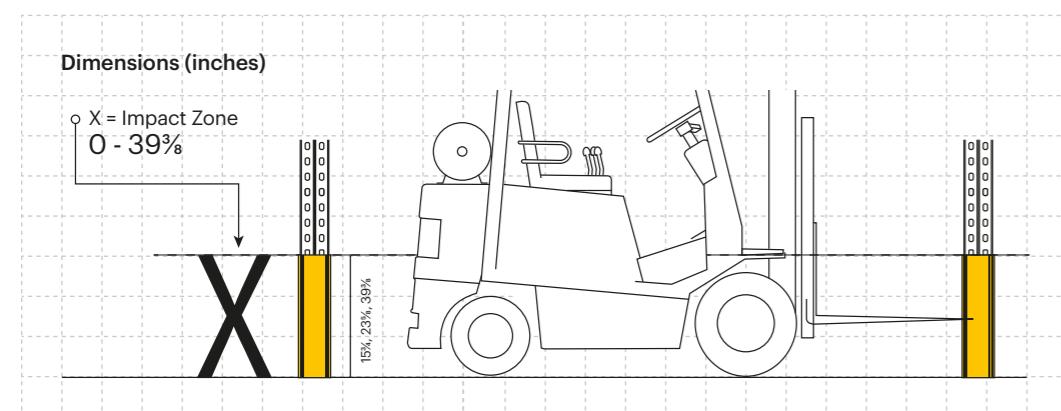
90° Impact on RackGuard



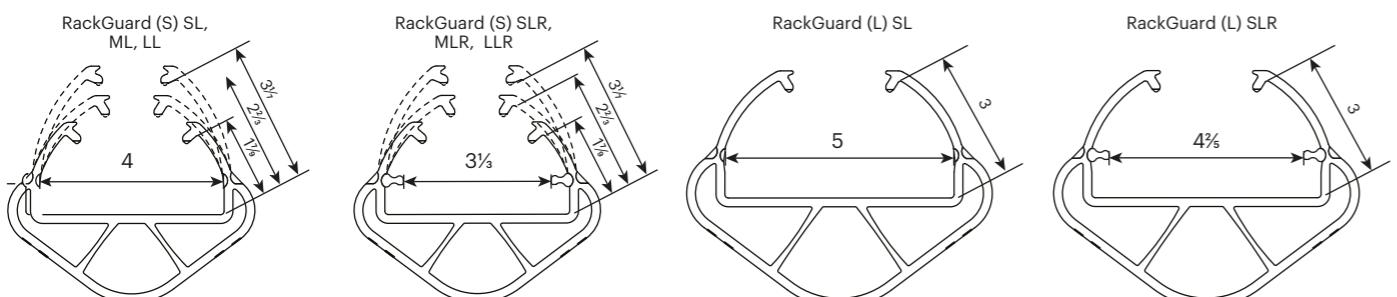
| Material Properties                 | MEMAPLEX™                |
|-------------------------------------|--------------------------|
| Temperature Range                   | 14°F to 122°F            |
| Ignition Temperature                | 698°F to 734°F           |
| Flash Point                         | 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            |
| Hygiene Seals                       | No                       |

\* Weathering scale 1 is very poor and 5 is excellent

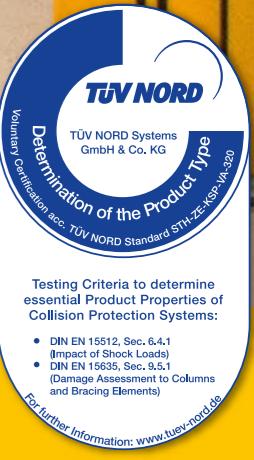
\*\* Light stability scale 1 is very poor and 8 is excellent



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



## RackGuard Rack Leg Protector



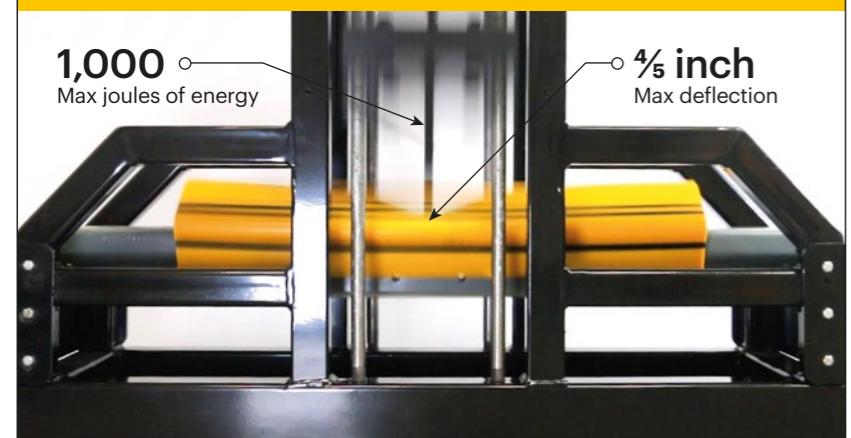
## Engineered for performance

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.

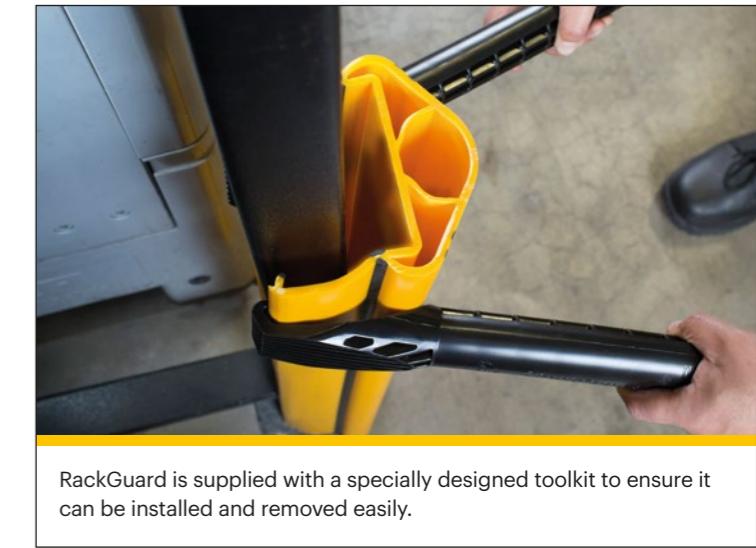
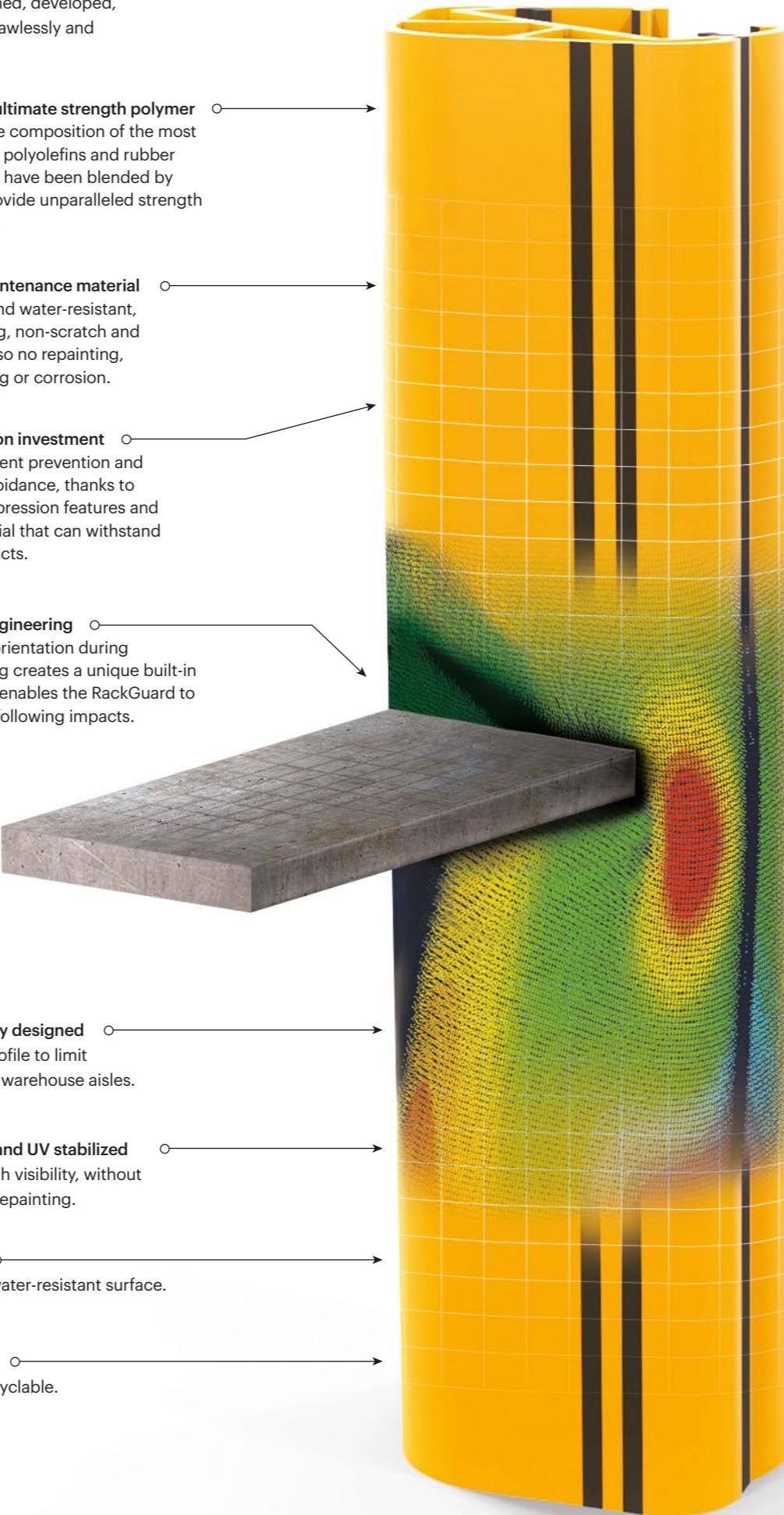


### Independently verified performance

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.



- **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-colored, 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.



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 -22°F.

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.