



Rack Armour®

The Original Upright Protector

Manufactured from low maintenance High Density Polyethylene (HDPE), **Rack Armour®** guards are durable and extremely effective in preventing damage to uprights. Available in a range of striking, high visibility colours that are easily detectable. Fully recyclable and non-toxic. The original **Rack Armour®** is suitable for use in food production facilities and freezer environments.



Features and Benefits

- Deflects and absorbs impact.
- Tested to 400J impact resistance.
- Easy to fit with no extra fixings required.
- Multiple size options to ensure secure fit.
- Use in ambient, chilled and freezer environments.
- Fitted in seconds and lasts for years.
- Lower maintenance than metal barriers.
- Fits various types of pallet racking and is transferable.
- High visibility colour options for industrial safety.
- Materials are non-toxic and fully recyclable.
- Impervious to moisture, mould growth, corrosion, acid, alkaline & most solvents.

Impact Testing

Independently impact tested to **AS 4084**, with additional finite element analysis (FEA) using **FEM 10.2.02** rack design load criteria.

AS 4084 compliance requires 400J impact resistance, and independent testing showed Rack Armour absorbed repeated 400J test impacts across multiple test conditions.

In testing, the protector absorbed impact without obvious damage to the upright in the test setup, while the foam core dissipated force. Independent FEA analysis showed reduced stress transfer to the rack upright.

Please enquire for further information.



Material	HDPE and Foam
Properties	Resistant to water, mould, corrosion, and most solvents
Temperature range	Use in ambient, chilled and freezer environments
Height	300mm or 600mm Euro D and Euro E are 600mm high as standard <i>Bespoke heights available on request (POA, MOQs may apply)</i>
Upright width (front facing) Please select size as appropriate to Fit Front Facing Uprights	Euro A: Up to 87mm front facing width Euro B: Up to 100mm front facing width Euro C: Up to 110mm front facing width Euro D: Up to 120mm front facing width Euro E: Up to 135mm front facing width Some rack types have wider/deeper side profiles which sometimes require a larger Rack Armour® guard. If you're unsure which size you need, please contact us.
Color options	Hi Vis Yellow or Safety Yellow <i>Bespoke colours available on request (POA, MOQs may apply)</i>