



## CARGO-GRIP CARGO LANDING PADS

### Product Description

Cargo landing pads are designed to offer a dedicated cargo landing areas/zones for heavy marine cargo. These pads will offer protection to both cargo and deck surfaces thus ensuring the integrity of painted treated surfaces.

Each pad is constructed from heavy duty polyurethane which offers good low and high temperature properties. This high strength/high density PU resin system that holds excellent chemical resistant properties to withstand the most commonly used fluids encountered in the oilfield. The product is Fire; Chemical & Dielectric tested to European standards and is produced under strict ISO 9001 quality assurance standards.

Mats can be supplied any colour and can incorporate various safety/hazard identification which is embossed into the surface of the mats.

### Typical Applications

- Deck Protection
- Dedicated Cargo Landing Areas
- Equipment Protection

### Benefits

- Tough & Durable
- Safer Cargo Handling
- Improved Asset Integrity
- Identify Drop Zones/Danger Areas



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## Options

### Sizing

Cargo landing pads are available in a number of standard sizes, each pad is made up of several interlocking sections which are quick and easy to install. As well as standard sizes it can be offered as a bespoke customised product to your exact specifications.

STANDARD SIZES	
3000mm x 3000mm x 20mm	10' x 10' x 3/4"
3000mm x 5000mm x 20mm	10' x 16.5' x 3/4"
3000mm x 7000mm x 20mm	10' x 23' x 3/4"
Custom variations are also available upon request	

### Colours

Typically supplied with hi visibility colour coding; however custom colours are available on request.

### Hazard Markings/Custom Logos

Cargo landing mats can incorporate various customised logos and safety hazard markings which are embossed on the surface of the product.

### Mat Thickness Options & Weights

12mm (1/2") thick mat - 15kg per M<sup>2</sup>  
20mm (3/4") thick mat - 23kg per M<sup>2</sup>

## Installation

Cargo mats are supplied interlocking sections for easy installation; they can be secured to most decks surfaces using conventional fixing methods.

## Specification

### Physical Data

Colour:

Various - Mixed whilst in liquid state

Finish:

Flat Sheet

Anti-slip Grade:

High Traction

Tensile Strength:

24.0 MPa (DIN53455)

Elongation at Break:

395% (DIN53455)

Shore Hardness:

94A (DIN EN ISO 868)

Tear Resistance:

68.1 N/mm<sup>2</sup> (DIN53356)

Linear Thermal Expansion:

108 10<sup>-6</sup> K<sup>-1</sup> (DIN53752)

Water Absorption:

Less than 0.1%

Temperature Range:

-35 deg C to +95 deg C

### Test Data

Fire Testing:

BS EN ISO 11925-2 and BS EN ISO 9293-1

Chemical Resistance:

Various compounds including most commonly used drilling muds, oils and petroleum based fluids.

Dielectric Testing:

IEC 243

Coefficient of Friction:

0.75 Wet 0.85 Dry

(Friction test carried out using the pendulum Grip Test)

Reading of 0.6 is considered good.

## Transportation/Classification

Cargo-Grip Mats are classed as non-hazardous materials and can be shipped through conventional methods.

## Maintenance

### Surface Maintenance

Cargo-Grip mats should be cleaned at intermittent intervals to insure they offer optimum performance, wash with water based detergent, stiff brush or high pressure washers/steam cleaners.

## Health & Safety

Cargo-Grip Safety Mats can be heavy and can be cumbersome to be moved around location, therefore suitable manpower and lifting aids should be used to alleviate any hazards.

If in any doubt about an application please contact SafetyGrip Technical Services on: +44(0)1224 784700 info@safetygripsolutions.com