



## RIG-GRIP® DRILL FLOOR SAFETY MATTING

### Product Description

Rig-Grip® safety mats are designed primarily for drill floor applications, their unique heavy duty construction ensures they are extremely robust and durable, and can handle anything that is thrown at them.

Constructed using an elastic two component custom blended Polyurethane system with good low and high temperature properties. This high strength PU resin system that holds excellent chemical resistant properties to withstand the most commonly used fluids encountered in the oilfield. Each mat is custom moulded to incorporate our high traction surface which is provided through embedded stainless steel studs and the additional high traction gritted surface. Each mat has pre-moulded channels/grooves in the surface to allow positive drainage and fluid run off, this also provides additional traction. 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

- Rotary Tables
- Drill Floors/Decking Areas
- Monkey Boards
- Pump Room/Mud Pits
- Stairs & Walkways

### Benefits

- Heavy Duty/High Traction
- Excellent Impact Resistant
- Easy Installation
- Identify Drop Zones/Danger Areas
- Prevention of Slip, Trips and Falls



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## Options

### Sizing

Rig-Grip® safety matting is a custom designed, manufactured product. Design and sizing is typically based on rig supplied drawings.

### Colours

Typically supplied either Yellow or Red; however custom colours are available on request.

### Hazard Markings/Custom Logos

Rig-Grip® mats can incorporate various customised logos and safety hazard markings which are embossed on the surface of the product.

### Mat Thickness Options & Weights

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

25mm (1") thick mat - 29kg per M<sup>2</sup>

32mm (1 1/4") thick mat - 35kg per M<sup>2</sup>

## Installation

Mat can be secured to most decks surfaces (metal/wood/concrete) using conventional fixing methods.

## Specification

### Physical Data

Colour:

Various - Mixed whilst in liquid state

Finish:

Flat Sheet - Channelled Surface

Anti-slip Grade:

High Traction - Studded

Tensile Strength:

18.0 MPa (DIN53455)

Elongation at Break:

295% (DIN53455)

Shore Hardness:

90A (DIN EN ISO 868)

Tear Resistance:

45N/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 water & oil based drilling muds and fluids.

Dielectric Testing:

IEC 243

Coefficient of Friction:

0.9 Wet 0.95 Dry

(Friction test carried out using the pendulum Grip Test)

Reading of 0.6 is considered good.

## Transportation/Classification

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

Mats should be stored and transported in flat position and not rolled or folded.

## Maintenance

### Surface Maintenance

Rig-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.

### Cutting & Drilling

This product is not easily cut or shaped once produced - it is vital that as much detail is included at the design stage to be incorporated during manufacture.

## Health & Safety

Rig-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