



## RIG-GRIP<sup>®</sup> MONKEY BOARD MATTING

### Product Description

Rig-Grip<sup>®</sup> anti-slip monkey mats are designed to cover all types of monkey board platforms high up in the drilling derrick, their unique heavy duty construction ensures they are extremely robust and durable, and will provide superb footing for personnel working on 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 profiled surface which incorporates a urethane raised studs and a high traction gritted surface. 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

- Monkey Boards
- Drilling Derricks
- Mud Pits / Shaker Rooms

### Benefits

- Heavy Duty/High Traction
- Excellent Impact Resistance
- Easy Installation
- Improved levels of safety
- Prevention of Slip, Trips and Falls



# RIG-GRIP® MONKEY BOARD MATTING

## Options

### Sizing

Rig-Grip® monkey board matting can be supplied in standard sizing, however majority of the time it is custom designed & manufactured to meet the rigs specific design/specification.

STANDARD SIZES			
Metric	Imperial	Weight (kg)	Weight (lbs)
2440mm x 610mm	18' x 2' (96" x 24")	29.75	65.5
3048mm x 610mm	10' x 2' (120" x 24")	37.21	81.86

### 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 & Weights

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

## Installation

Mat can be secured to most decks surfaces using conventional fixing methods.

## Specification

### Physical Data

Colour:

Various - Mixed whilst in liquid state

Finish:

Flat Sheet - Profiled Surface

Anti-slip Grade:

High Traction - Profiled/Gritted

Tensile Strength:

21.0 N/mm (DIN53455)

Elongation at Break:

295% (DIN53455)

Shore Hardness:

90A (DIN EN ISO 868)

Tear Resistance:

65.1 N/mm (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 chemical compounds including most commonly used water & oil based drilling muds and fluids.

Dielectric Testing:

IEC 243

Coefficient of Friction:

0.85 Wet 0.90 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

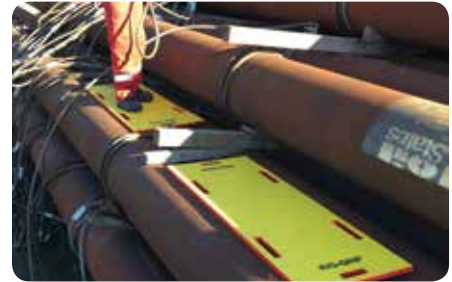
### Surface Maintenance

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.

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



## RIG-GRIP® PIPE MATS

### Product Description

Rig-Grip® anti-slip pipe mats are designed for pipe & tubular racks; they offer personnel a suitable high traction non-slip surface to walk on and carry out their duties. Their unique heavy duty construction ensures they are extremely robust and durable even in the harshest of environments.

Constructed using an elastic two component custom blended Polyurethane system with 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. 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. 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

- Pipe Racks
- Drill Pipe & Casings
- Tubular Storage

### Benefits

- Heavy Duty/High Traction
- Excellent Impact Resistant
- Safety Markings
- Eliminates Slips, Trip & Falls



# RIG-GRIP® PIPE MATS

## Options

### Sizing

Rig-Grip® pipe mats are supplied in standard sizing, however fully customized applications and sizes are available on request.

STANDARD SIZES		WEIGHT	
1800mm x 450mm x 20mm	71" x 18' x 3/4"	17kg	37lbs
1250mm x 600mm x 20mm	48" x 24' x 3/4"	15kg	33lbs
Custom variations are also available upon request			

### 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.

### Surface Type

Rig-Grip® Pipe Mats are supplied with our high traction gritted surfaces.

### Standard Mat Thickness

20mm (3/4") thick mat

## Installation

Rig-Grip® Pipe mats are designed to be lightweight and portable, these mats are simply laid upon the pipe in either direction, additional mat can be laid in front or behind as you move along/across the pipe rack.

## Specification

### Physical Data

Colour:

Various - Mixed whilst in liquid state

Finish:

Flat Sheet - Channelled Surface

Anti-slip Grade:

High Traction - Studded

Tensile Strength:

8.0 MPa (DIN53455)

Elongation at Break:

295% (DIN53455)

Shore Hardness:

90A (DIN EN ISO 868)

Tear Resistance:

22 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 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

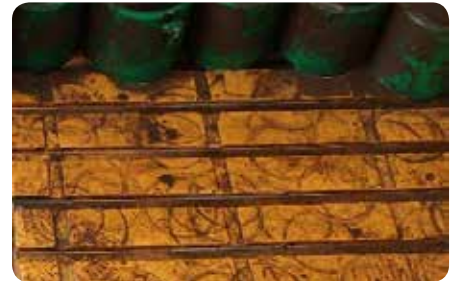
Rig-Grip® Mats are classed as non-hazardous materials and can be shipped through conventional methods.

## 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.

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



## RIG-GRIP® SETBACK MATTING

### Product Description

Rig-Grip® setback matting is designed primarily for pipe racks and setback areas on the drill floor, their unique heavy duty construction ensures they are extremely robust and durable and can handle heavy drill strings racked upon them.

Constructed using an elastic two component custom blended Polyurethane system with 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. Each mat is custom moulded to incorporate pre-moulded drainage channels/grooves in the surface to allow positive 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

- Setback Areas
- Pipe Racks
- Tubular Racking

### Benefits

- Heavy Duty/High Traction
- Excellent Impact Resistant
- Fluid Management
- Identify Drop Zones/Danger Areas
- Reduce Tripping Time



# RIG-GRIP® SETBACK MATTING

## 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.

### Surface Pattern

Fluid channels run in single direction - ideally the location of drains/drainage system is required to ensure mats are designed to offer maximum fluid run off.

### Mat Thickness Options & Weights

38mm (1½") thick mat - 43kg per M<sup>2</sup>

## Installation

Mat can be secured to most decks surfaces using conventional fixing methods.

## Specification

### Physical Data

Colour:

Various - Mixed whilst in liquid state

Finish:

Flat Sheet - Channelled Surface

Anti-slip Grade:

High Traction - Gritted

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 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.

## 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](mailto:info@safetygripsolutions.com)