



## RIG-SAFETY Setback Mat Technical Data Sheet

### Key benefits

- Impact resistant
- Heavy duty / High traction
- Custom moulded
- Fluid management

### Custom made for:

- Setback Areas
- Pipe Racks
- Tubular Racking



### Specifications - physical data

#### Colours:

- Yellow or Red - other options available upon request

#### Markings/Logos:

- Can be incorporated into the surface of the product

#### Surface Pattern:

- Fluid channels run in a single direction towards drainage area. Mats are designed to ensure maximum drain-off

#### Mat Thickness:

- 40mm

#### Mat weight:

- 48 Kg/M<sup>2</sup>

### Mechanical Test information

Product Name: RIG-SAFETY Setback Mat

Reference standard: DIN 53504, DIN 53505, DIN 53516

Samples tested: 3

Test apparatus: Universal testing machine

Loadcell: 100 kg

### Flammability Test

ASTM D 695. Based on the fire test, our pads qualify as class B according to DIN 1402.

## RIG-SAFETY Setback Mat Technical data sheet

### Technical specifications

Properties	Unit	Test method	Average Values
Hardness	Sh A	DIN 53505	95
10% Modulus	MPa	DIN 53504	6.23
100% Modulus	MPa	DIN 53504	20.42
300 % Modulus	MPa	DIN 53504	1.641
Tensile strength	MPa	DIN 53504	32.22
Elongation	%	DIN 53504	202.5
Abrasion	mg	DIN 53516	28

Declarations: Test results in this report relate only to specimens tested.

### Chemical Properties

Benzene	3	Hydrochloric Acid Concentrate	4
Toluene	4	Formic Acid	3
Kerosene	1	Acetic Acid 3	4
Mineral Oil	1	Citric Acid	1
White Oil	1	Methanol	4
Fuel Oil	2	Benzil Alcohol	4
Naphta	2	Etilic Alcohol	4
Lubrificating Oils	2	Cyclohexane	1
Natural Gas	2	Glycerine	1
Hesane	2	Potassium Hydroxide	4
Petroleum 250°F	4	Sodium Hydroxide	4
Ethyl Benzine	2	Ammonia 10%	4
Naphtaline	4	Aniline	2
Turpentina	3	Barium Salt	2
Nitric Acid Diluite	3	Aluminium Chloride	3
Sulfuric Acid Diluite	1	Copper Chloride	1

#### Ratings:

- 1 = Little or no impact
- 2 = Minor effect
- 3 = Moderate effect
- 4 = Severe effect

#### Installation:

- The weight of the mat itself is normally enough to secure safe placement. Otherwise, the mat can be secured using conventional fixings

#### Transportation/Classification:

- RIG-SAFETY Mats are classed as non-hazardous materials and can be shipped through conventional methods

#### Maintenance:

- RIG-SAFETY Mats should be cleaned reguarly using waterbased detergents, a stiff brush or high-pressure washers

#### Health & Safety:

- This product is heavy! Please use lifting aids and suitable manpower to avoid hazards

Please contact our technical service department for further information.