

## About Flexi-Mats®

**Flexi-Mats®** are made from non-toxic food grade materials and are suitable for food contact areas.

Resistant to oil, chemical, alcohol, acids, aliphatic hydrocarbons and UV degradation, **Flexi-Mats®** are extremely versatile and suitable in almost every industry.

**Flexi-Mats®** are functional from -18° to +60° C, slip resistant with a co-efficient of friction up to .763.

**Flexi-Mats®** are suitable for marine environments and for all weather conditions. They are insulating with a dielectric strength of up to 25kv/mm<sup>2</sup> and self-extinguishing with a limiting oxygen index of 20.

**Flexi-Mats®** provide excellent anti-fatigue benefits, are 100% recyclable and manufactured in Australia.





# Heronair

## Hardwearing tubular tread commercial matting

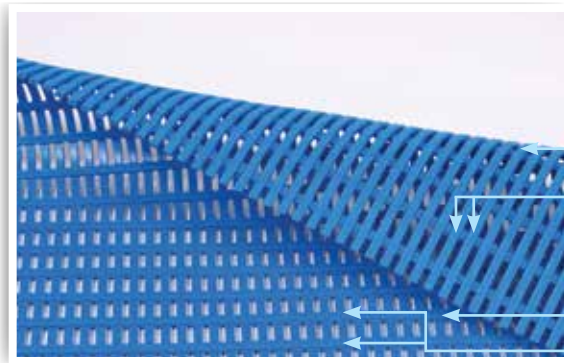
**Heronair** is designed and manufactured from extremely strong and hardwearing non-toxic food grade PVC. **Heronair's** tubular top surface and underbars are designed to create maximum cushion comfort underfoot. Its slip resistant surface constructed in grid formation make it an ideal working surface where water and other liquids are present.

When you're busy the last thing you want is to stop to clear up a spillage or broken glass or bottle.

**Heronair's** cushioned tread not only reduces breakages but it raises people slightly above floor level, so any spillage will drain through where it can be cleaned later.

**Heronair** does not absorb water or other liquids and it offers insulation from cold damp floors. It is quick and easy to fit, even into awkwardly shaped areas. It is chemical, oil, alcohol and flame resistant.

Available in three standard widths, in cut lengths or full 12 metre rolls. (Longer custom lengths available on request).



### Structure

Strongly welded grid construction provides excellent drainage and protection from cold damp floors.

**Dimensions:** (W) 8mm (H) 5mm

**Distance:** 5mm

**Colour of bottom section tube:** As per top section

**Distance:** 28mm

### Technical Details

**Weight:** 4kg/m<sup>2</sup>

**Gravity:** 1.29g/cm<sup>3</sup>

**Workable Temp:** -10° + 60°C

**Materials:** 100% Flexible low toxicity PVC Phenol free and classified according to AS2070-1999 and CFR21 as suitable for food contact

**Tensile Strength:** 15.0N/mm<sup>2</sup>

**Elongation:** 320%

**Flammability:** Classified as resistant to flame DIN 4102 part 1 Classification B2 Limited Oxygen index 20. Self-extinguishing.



## Features

Reduces fatigue from standing on hard floors  
 Extremely hard wearing and easy to clean  
 Alcohol, chemical, oil, acid and flame resistant  
 Prevents glass breakages and improves safety  
 Excellent slip resistance and open grid design allows liquid to flow through  
 Suitable for use in the marine industry  
 UV resistant  
 Made from 100% recyclable food grade materials

- Deeply etched profiles provide excellent slip resistance
- Air cushions may help prevent back and joint strain
- Excellent drainage and drying function
- Easy to maintain
- Can be resized easily with secateurs or craft knife
- Different lengths / widths can be joined with mat clips
- Resistant against acid, alkali and oil

## Widths Available

910mm | 1200mm | 1500mm



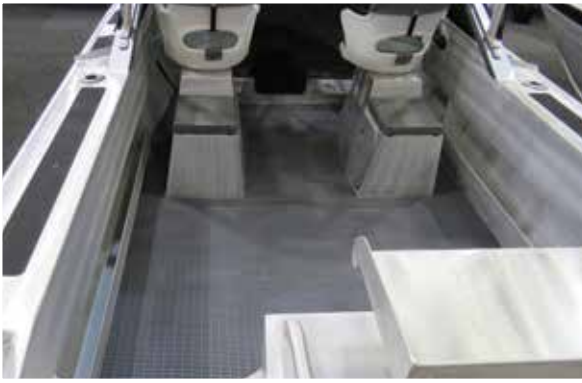
Size & Weights	Length	Height	Width	Weight
Tolerance	-/+ 0.015	+/- 0.5	+/- 0.1	
All dimensions nominal	Metres	mm	cm	Kg/m <sup>2</sup>
Rolls	12	9.5	91,120,150	4.0
<b>Standard Colours</b>	Blue, Black, Grey			
<b>Composition</b>	100% flexible low toxicity PVC Phenol free and classified according to AS2070-1999 and CFR21 as suitable for food contact			
<b>Construction</b>	Open Grid. Tubular profile 28mm x 5mm grid size. Profile size 8mm x 5mm			
<b>Flammability</b>	Classified as resistant to flame DIN 4102 part 1 Classification B2 Limiting Oxygen index 20. Self-extinguishing			
<b>Chemical</b>	Resistant to alcohols, aliphatic hydrocarbons, petrol diesel, most oils and acids			
<b>Electrical</b>	Dielectric Strength Kv/11 Volume resistivity Ω-cm 1.2x10 <sup>13</sup>			
<b>Thermal</b>	Functional -12° to +60°C			
<b>Ultra Violet Light</b>	Resistant to PVC degradation			
<b>Slip Resistant</b>	Coefficient of friction (μ) Dry Tan Ø = μ 0.674 Coefficient of friction (μ) Wet Tan Ø = μ 0.604			
<b>Additional Benefits</b>	Good sound insulation properties			
<b>Impact Resistance</b>	At -12 degrees 1.5kg at 200mm			
<b>Ancillaries</b>	Mat Clips			



# Applications

## Boats

suitable for the marine environment



## Pools

excellent slip resistance



## Walkways

Easy to fit and clean



## Gyms

Air cushions help prevent back and joint strain



## Kitchens & Bars

Prevents glass breakage and improves safety

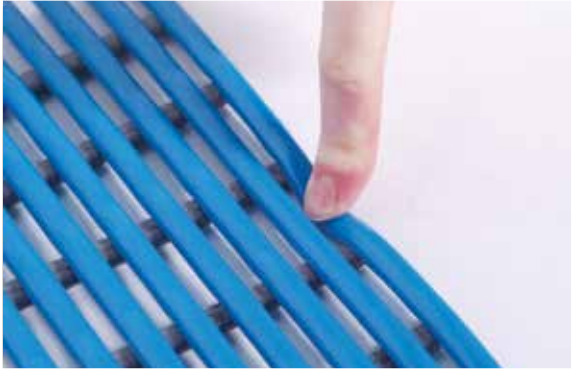


## Work Spaces

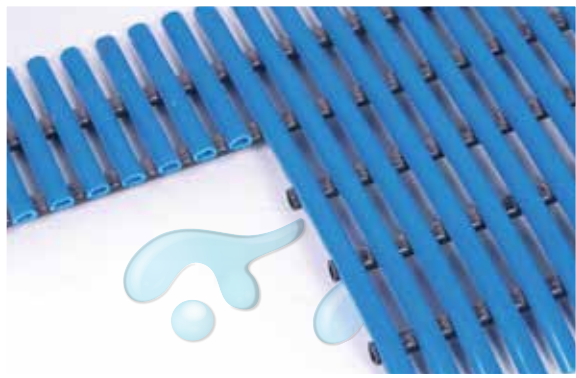
Anti-fatigue and improves safety



# Benefits



- Excellent anti-slip resistance
- Provides relief from standing on cold floors, provides a cushion to protect back and joints
- Helps prevent injury from slips and falls
- Increases productivity by reducing fatigue



- Grid construction facilitates drainage and air circulation
- Impervious to most liquids, acids, alkali, oil and hydrocarbons
- Suitable for the marine environment
- UV resistant
- Excellent drainage & drying function



- Made from 100% recyclable food grade materials
  - Protects dropped tools, prevents glass breakages and improves safety
  - Enhances surroundings and is aesthetically pleasing
  - Extremely hard wearing
  - Sound insulation properties
- 
- Easy to fit, clean and maintain
  - Tubes Welded together
  - Easy cutting, can easily be resized with secateurs or craft knife
  - Different lengths / widths can be joined with mat clips

## Colours

Blue

Vynalite, Heronair, Vynagrip

Grey

Vynalite, Heronair, Vynagrip, Flexirib

Black

Vynalite, Heronair, Vynagrip, Ani-Mat