

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/mm² and self-extinguishing with a limiting oxygen index of 20.

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





Flexirib

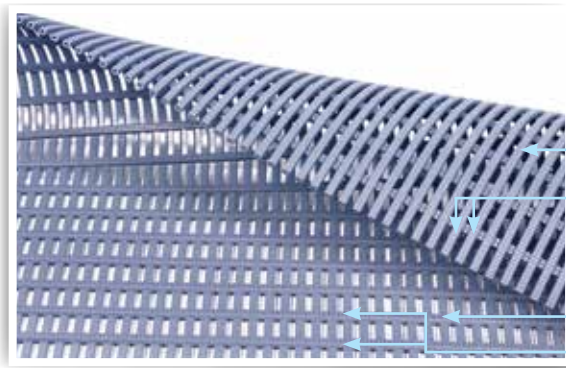
Anti-fungal, Anti-Bacterial Matting

With its embossed, slip resistant surface and anti-fungal and anti-bacterial additives **Flexirib** is the perfect mat for all food production, sport and barefoot applications.

Flexirib is the ideal self-draining, safety matting for all sports and leisure surroundings. It is made from specifically formulated strong flexible PVC, with uniquely channelled underbars for better drainage of large amounts of water.

Fungal infections are caused by spores that are prevalent in warm, humid conditions and are common in swimming pools, locker rooms and other sports facilities where people walk barefoot. **Flexirib** can help prevent the spread of fungal infection.

Available in two standard widths, in cut lengths or full 6 or 12 metre rolls. (Longer custom lengths available on request)



Structure

Uniquely designed solid underbar sections and embossed top surface combine to provide slip resistance and excellent 4 way drainage.

Diameter: (W) 8mm (H) 5mm

Distance: 5mm

Colour of bottom sections: As per top sections

Distance: 28mm

Technical Details

Weight: 5.2kg/m²

Gravity: 1.29g/cm³

Workable Temp: -18° + 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/mm²

Elongation: 320%

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



- Embossed wave pattern on upper sections provide excellent anti-slip functionality
- Excellent 4 way drainage 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
- Solid PVC profiles



Features

Provides rapid 4 way drainage

Offers excellent slip resistance for bare feet

Delivers comfort and hygiene

Helps prevent injury from slips and falls

Enhances surroundings and is aesthetically pleasing

UV resistant

Made from non-toxic food grade recyclable materials

Widths Available

910mm

1200mm

Size & Weights	Length	Height	Width	Weight
Tolerance	-/+ 0.015	+/- 0.5	+/- 0.1	
All dimensions nominal	Metres	mm	cm	Kg/m ²
Rolls	12	11	91,120	5.1
Standard Colours	Grey			
Composition	100% flexible low toxicity PVC Phenol free and classified according to AS2070-1999 and CFR21 as suitable for food contact			
Construction	Open Grid. Solid profile 28mm x 5mm grid size. Profile size 8mm x 5mm			
Flammability	Classified as resistant to flame DIN 4102 part 1 Classification B2 Limiting Oxygen index 20. Self-extinguishing			
Chemical	Resistant to alcohols, aliphatic hydrocarbons, most oils and acids			
Electrical	Dielectric Strength Kv/13 Volume resistivity Ω-cm 1.2x10 ¹³			
Thermal	Functional -12° to +60°C			
Ultra Violet Light	Resistant to PVC degradation			
Slip Resistant	Coefficient of friction (μ) Dry Tan Ø = μ 0.614 (Bare feet) Coefficient of friction (μ) Wet Tan Ø = μ 0.604 (Bare feet)			
Additional Benefits	Channelled underbars provide excellent four way drainage			
Impact Resistance	At -12 degrees 1.5kg at 200mm			
Ancillaries	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

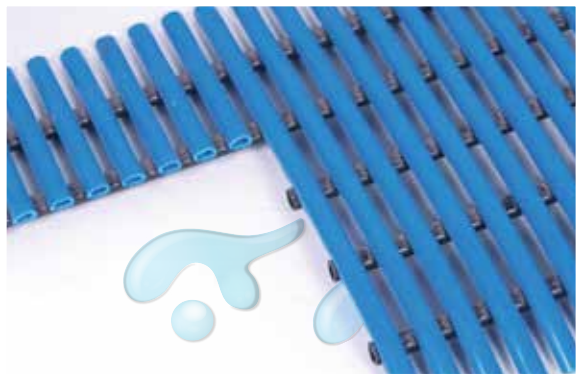
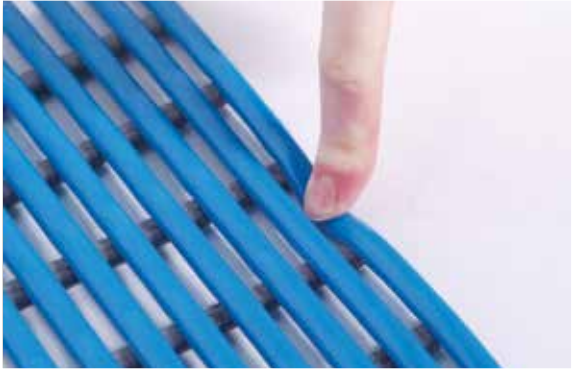


Work Spaces

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

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- 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

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- 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

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- 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