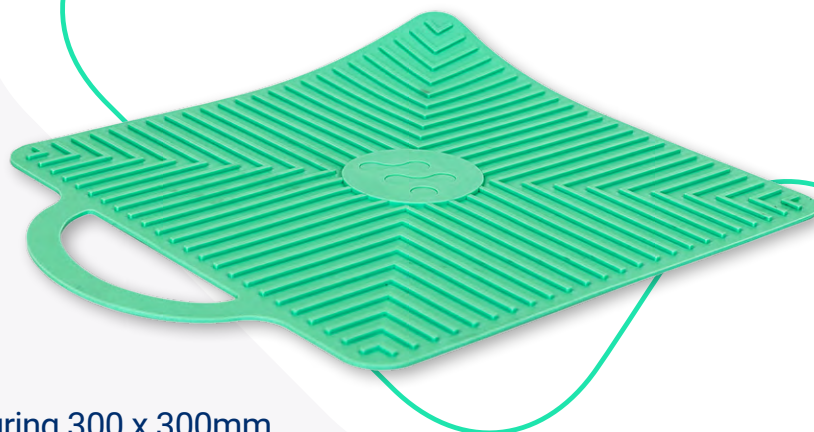


An abstract graphic on a dark blue background. It features a light blue, wavy line that forms the outline of a hand holding a rectangular object. The rectangular object is filled with a pattern of small, light blue dots, representing a bench mat. The hand is positioned as if holding the mat from the right side.

# WESTLAB Silicone Bench Mat & Handle

300 x 300mm

## WESTLAB Silicone Bench Mat & Handle 300 x 300mm



Our Silicone Bench Mat & Handle, measuring 300 x 300mm, offers a versatile and practical solution for laboratory and workbench environments.

This durable mat provides a reliable surface for a variety of applications, ensuring a safe and efficient workspace for users handling sensitive or heavy-duty tasks.

### Temperature Resistance

It is designed with a unique blend of silicone, making it resistant to temperatures up to 220°C. This capability allows it to endure high-heat conditions, making it ideal for environments that involve heating processes or the handling of hot equipment and instruments.

### Convenient Carry Handle

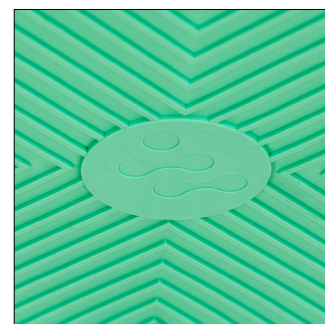
For enhanced convenience, the mat features a carry handle that enables easy hanging or transportation. This design improves the mat's portability and allows for efficient storage when not in use, making it particularly beneficial in busy laboratory or workshop settings.

### Durability & Longevity

The bench mat is non-perishable, providing long-lasting durability without the need for frequent replacements. Its strong construction ensures reliable performance over extended periods, offering a cost-effective and sustainable solution for demanding work environments.

## Product Features

- **Unique Blend of Silicone:** Provides enhanced durability and heat resistance for a wide range of laboratory and workbench tasks.
- **Temperature Resistant up to 220°C:** Allows safe handling of hot equipment and materials in heat-intensive applications.
- **Convenient Carry Handle:** Facilitates easy hanging and transportation, improving overall portability and storage efficiency.
- **Mat Dimensions – 300 x 300mm:** Offers ample working space while maintaining a compact and manageable design.
- **Non-Perishable Material:** Ensures long-term use and consistent performance, reducing the need for frequent replacement.



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## Product Specifications

Brand	WESTLAB
Type	Bench Mat With Carry Handle
Application	Laboratory, Workshop, & Workbench Environments
Material	Silicone
Colour	Green
Temperature Resistance	Up to 220°C
Dimensions (No Handle)	300mm Length x 300mm Width
Dimensions (Handle Only)	186mm Length x 55mm Width

## Bundled Configurations

SKU	664-318
Description	Classroom Silicone Bench Mat Bundle

### This bundle includes

SKU	Name	Qty
663-349	WESTLAB Silicone Bench Mat & Handle, 300 x 300mm, Each	4

## Silicone vs. Rubber

### Silicone vs. Rubber

Rubber is a material that begins to degrade from the moment it is produced. Factors such as stress, pressure, changes in temperature, and exposure to UV light can accelerate this degradation, affecting the density, colour, hardness, and texture of the rubber. In contrast, silicone is not affected by UV light or extreme temperatures. When rubber fails, it can result in tears, providing a clear indication that replacement is needed without causing long-term contamination.

### Longevity

In terms of longevity, silicone outperforms rubber, lasting approximately four times longer. While silicone is around twice the price of rubber, its longer lifespan means it can be more cost-effective in the long run. Additionally, using silicone reduces the hassle and manpower required for frequent replacements.

### Use of Toxic Additives

Rubber production requires toxic additives for stabilisation, including some arguable carcinogens. Despite efforts to reduce the use of these additives, their presence can affect the stability of rubber. In contrast, the production of quality silicone does not require the addition of such agents.

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## Medical & Food Processing Applications

Silicone is ideal for medical applications and the food processing industry due to its unique properties. Its longevity, resistance to pressure and temperature, and ability to withstand continuous stresses make it more durable than rubber. Silicone does not corrode or crack easily, leading to less contamination, long-term financial savings, and a more hygienic structure.

## Silicone Specifications

Indentation Hardness (Shore A)	60 ± 5
Tensile Strength (Mpa)	7.5
Elongation at Break (%)	300
Specific Gravity (g/cm)	1.16 ± 0.05
Tear Strength (KN/M)	17
Linear Shrinking Rate (%)	60
Rebound Resilience (%)	60
Temperature Range (°C)	-50°C to +200°C

## Labelling Symbols

Symbol	Definition
<b>REF</b>	Indicates the catalogue number for reordering.

## Storage & Handling Information

It is recommended to store the mats in a cool, dry place, away from direct sunlight. Exposure to direct sunlight can potentially compromise the integrity and quality of stored items.

## Ordering Information

SKU	Description
663-349	WESTLAB Silicone Bench Mat & Handle, 300 x 300mm, Each

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