



UNI-STOP Silicone Stoppers

Three Sizes, A Westlab Innovation



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Our UNI-STOP Silicone Stoppers are a pioneering innovation in laboratory stoppers.

Featuring reverse grip-ribs for a secure seal, they are designed to fit multiple neck diameters. These stoppers also boast an internal barb seal that simplifies the process of inserting tubing. With a universal hole compatible with tubing from 6-10mm in diameter, they offer exceptional versatility.

Furthermore, these stoppers are autoclavable up to 200°C, ensuring they remain heat resistant. Depending on their size, each stopper can be converted from a solid stopper to one with one or two holes, making them adaptable for various experiments. Manufactured from a 'Blended Vulcanised Polymer', these stoppers are engineered for longevity and reliability in any laboratory setting.

Product Features

- Unique Innovation by Westlab
- Reverse Grip-Ribs Ensure Maximum Seal
- Universal Design Fits Multiple Neck Diameters
- Internal Barb Seal for Easy Tubing Insertion
- Universal Hole for 6 to 10mm Diameter Tubing
- Autoclavable up to 200°C, Heat Resistant

Product Specifications

Type	Stopper
Material	Silicone, Blended Vulcanised Polymer
Suitable for	6mm to 10mm Diameter Tubing
Reverse Grip Ribs	Yes
Internal Barb Seal	Yes

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United States
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Product Specifications

General Information

Sterility	Non-Sterile
Autoclavable	Yes, Suitable to 200°C
Standards Conformity	Certificate of Design 201713368 Certificate of Design 201713367 ISO 9001

Product Information

Type	Small	Medium	Large
AUS/NZ SKU	663-393	663-394	663-395
CAN SKU	663-393C	663-394C	663-395C
Solid Stopper	✓	✓	✓
One Hole Stopper	✓	✓	✓
Two Hole Stopper	✗	✗	✓
Top Dimensions	24mm	34mm	49mm
Base Dimensions	12.2mm	13.7mm	28.4mm
Length	35mm	35mm	35mm
Quantity	10	10	10

UNI-STOP Stopper, Small



UNI-STOP Stopper, Medium



UNI-STOP Stopper, Large



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Bundled Configurations

Silicone UNI-STOP Stoppers Bundle, Multiple Sizes

Code	664-327
Description	Silicone UNI-STOP Stoppers Bundle, Multiple Sizes, 30pcs
This bundle includes	
Name	Qty
UNI-STOP Silicone Stoppers, Small, Pack of 10	1
UNI-STOP Silicone Stoppers, Medium, Pack of 10	1
UNI-STOP Silicone Stoppers, Large, Pack of 10	1



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.

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.

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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

Ordering Information

AUS & NZ	CAN	Description
663-393	663-393C	UNI-STOP Silicone Stoppers, Small, Pack of 10
663-394	663-394C	UNI-STOP Silicone Stoppers, Medium, Pack of 10
663-395	663-395C	UNI-STOP Silicone Stoppers, Large, Pack of 10



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