

**DT-DG004**

# Autoclave Chamber Door Gasket Instruction Manual

Model: DT-DG004 | Brand: Generic

## PRODUCT OVERVIEW

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This manual provides essential information for the proper use and maintenance of your silicone rubber autoclave chamber door gasket. Designed for a perfect fit, this gasket ensures optimal sealing performance for compatible autoclave models.

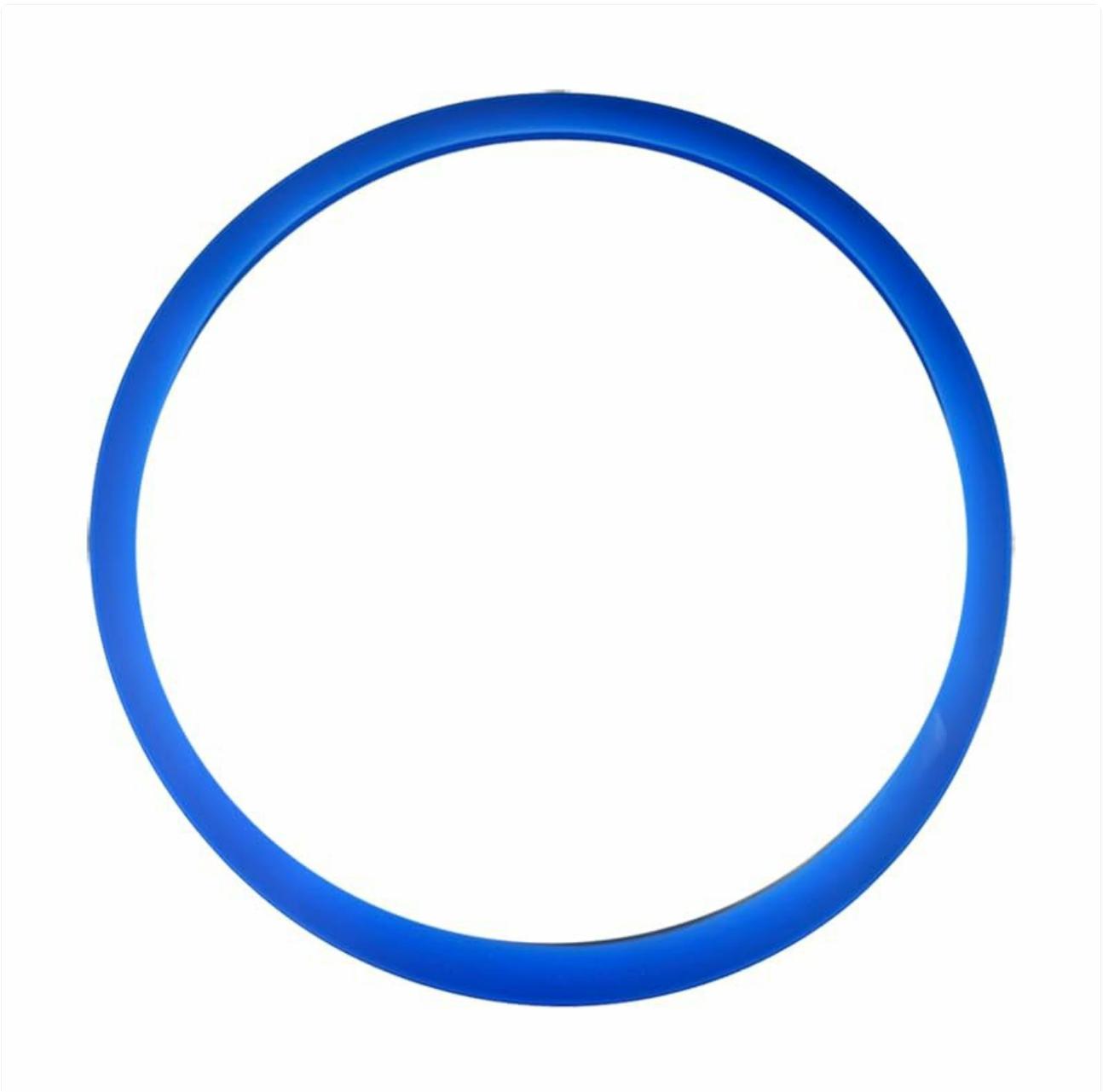


Image: A single blue circular silicone gasket, designed for sealing autoclave doors.

## COMPATIBILITY AND USAGE

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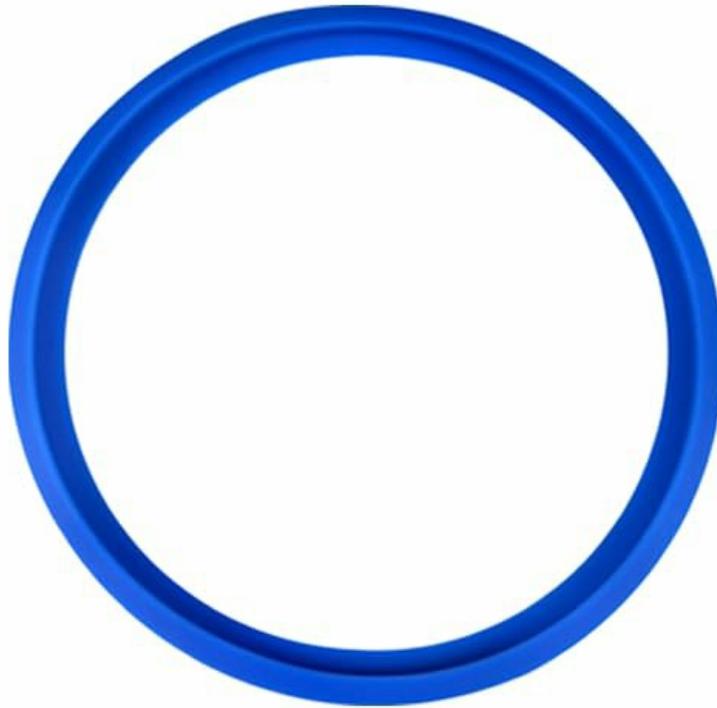
This autoclave chamber door gasket is specifically designed for the following autoclave models and series:

- NewMed 17-22L Autoclave
- Medmark 18L / 23L Autoclave Series
- NewMed 18L / 23L Autoclave Series
- Kronos 18L / 23L Autoclave Series

The gasket is crucial for maintaining the vacuum pressure and high-temperature environment required for effective sterilization within the autoclave chamber.



Used for  
BMS & NewMed



## Autoclave Door Gasket

Image: A blue circular gasket with the "DENTA" logo and text indicating compatibility with "BMS & NewMed" autoclaves.

### MATERIAL SPECIFICATIONS

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The gasket is manufactured from high-quality platinum silicone, chosen for its durability and performance under extreme conditions.

- **Vacuum Pressure Resistance:** Capable of withstanding the vacuum pressure cycles typical in autoclave operations.
- **Temperature Range:** Designed to endure extreme temperatures from  $-60^{\circ}\text{C}$  to  $+230^{\circ}\text{C}$  ( $-76^{\circ}\text{F}$  to  $+446^{\circ}\text{F}$ ).



# Autoclave Door Gasket

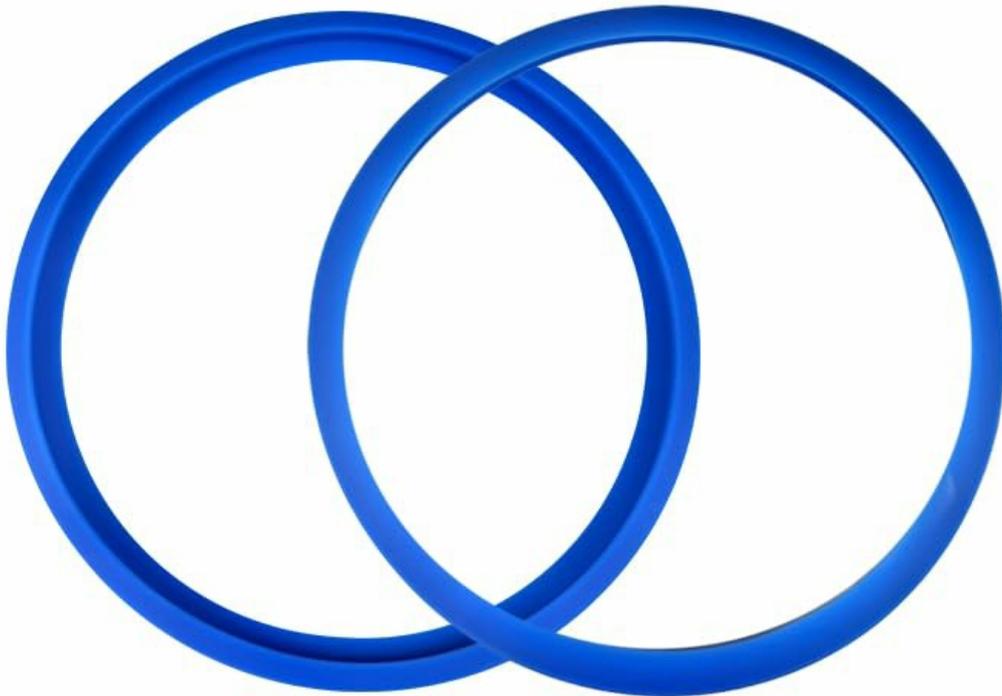


Image: Two blue circular gaskets, presented with the "DENTA Autoclave Door Gasket" text, highlighting the product's form.

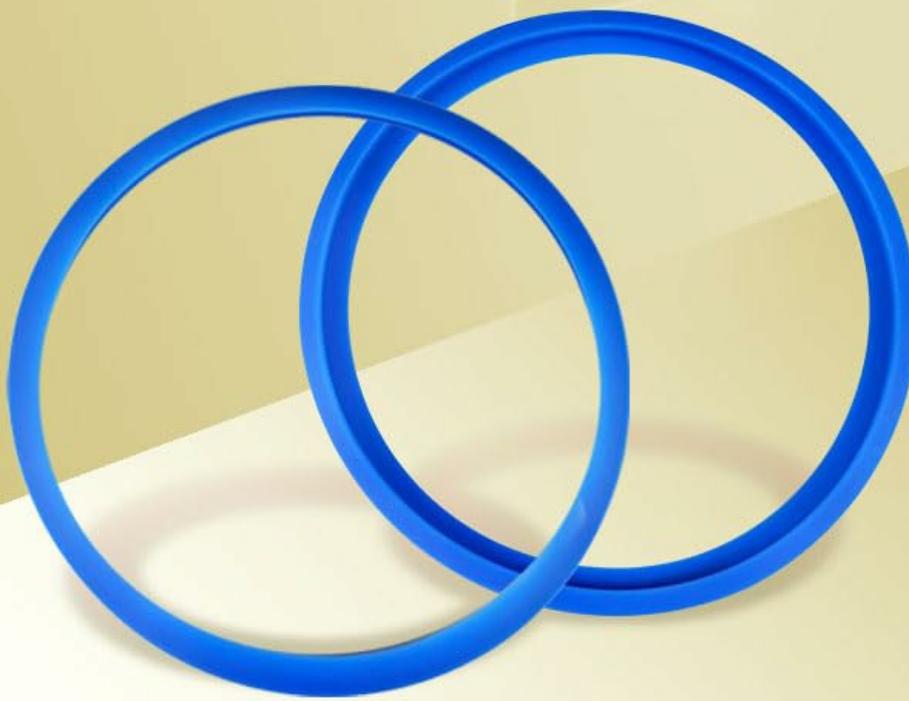
## SETUP AND INSTALLATION

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Proper installation of the door gasket is critical for the safe and effective operation of your autoclave. Always refer to your autoclave's specific user manual for detailed installation instructions, as procedures may vary by model.

1. **Preparation:** Ensure the autoclave door and chamber groove are clean and free from debris or old gasket residue.
2. **Placement:** Carefully fit the new silicone gasket into the designated groove around the autoclave chamber door. Ensure it sits evenly and securely without twists or kinks.
3. **Seating:** Gently press along the entire circumference of the gasket to ensure it is fully seated and forms a tight seal.
4. **Initial Check:** After installation, perform a test cycle according to your autoclave's manual to verify proper sealing and pressure retention.

# Autoclave Door Gasket Used for: BMS & NewMed



DT-DG004

Image: Two blue circular gaskets displayed next to an open autoclave unit, illustrating their intended use and the product model "DT-DG004".

## OPERATING CONSIDERATIONS

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The gasket operates passively as part of the autoclave's sealing mechanism. Its primary function is to maintain the integrity of the chamber seal during sterilization cycles.

- Ensure the gasket is clean before each use to prevent compromise of the seal.
- Avoid using sharp objects or abrasive cleaners on the gasket, as this can damage the silicone material.
- Regularly inspect the gasket for any signs of wear, cracks, or deformation before starting an autoclave cycle.

## MAINTENANCE

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The lifespan of the gasket, like all consumables, is influenced by the frequency of autoclave use and consistent maintenance. Regular inspection and cleaning are essential to maximize its durability and ensure continued performance.

- **Daily Cleaning:** Wipe the gasket with a soft, damp cloth after each day of use to remove any residue.

- **Periodic Inspection:** Visually inspect the gasket weekly for any signs of damage, hardening, or discoloration. Pay close attention to areas that experience high compression.
- **Lubrication (if applicable):** Some autoclave manufacturers recommend periodic lubrication of the gasket. Refer to your autoclave's manual for specific recommendations.
- **Replacement:** Replace the gasket immediately if any damage is observed or if the autoclave fails to maintain proper pressure during cycles.

## TROUBLESHOOTING

If you experience issues with your autoclave's sealing, the door gasket is often a primary suspect. Here are common issues and potential solutions:

Problem	Possible Cause	Solution
Autoclave fails to build/hold pressure	Damaged, worn, or improperly seated gasket	Inspect gasket for damage; clean and re-seat it. If damaged, replace immediately.
Steam leakage around door	Gasket is dirty, cracked, or hardened	Clean gasket thoroughly. If leakage persists, replace the gasket.
Difficulty closing/opening door	Gasket is swollen or improperly installed	Ensure gasket is correctly seated. If swelling persists, replace the gasket.

If troubleshooting steps do not resolve the issue, contact a qualified service technician for your autoclave unit.

## SPECIFICATIONS

Feature	Detail
Model	DT-DG004
Brand	Generic
Material	Platinum Silicone
Color	Black
Temperature Range	-60°C to +230°C (-76°F to +446°F)
Compatibility	NewMed 17-22L, Medmark 18L/23L, NewMed 18L/23L, Kronos 18L/23L Autoclaves
Package Quantity	1 Piece
Shipping Dimensions	30 x 28 x 4 cm

## WARRANTY AND SUPPORT

We stand by the quality of our product. For any concerns or issues, please refer to the following support information:

- **Startup Warranty:** A 30-day startup warranty is provided from the date of purchase.
- **Refund/Replacement:** We offer 30-day refund and replacement services in case of quality issues.

For further assistance, please contact your retailer or the manufacturer, Denta Med Technology Sz Co Ltd.



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