

GAMMA Series™

POINT-OF-USE WATER FILTERS GAMMA™ SERIES



RESIDENTIAL SECTOR



HOTEL INDUSTRY,
CAMPING



SWIMMING
POOLS



WELLNESS
CENTRE



HOSPITAL
SECTOR



KEY STRENGTHS

- **Complete protection** based on the **size of the pores** and the **adsorption capacity** of the membranes themselves
- Ideal for **infection control**, providing **pure water** for drinking, cooking, **personal hygiene**, and washing medical instruments
- Superiority of hollow fiber membranes compared to common flat sheet membranes used in point-of-use filters:
 - **Higher bacterial retention** (11 LRV)
 - **Higher lifespan** (up to 120 days)
 - **Higher water flow rates**
- Mechanically resistant
- Easy installation with no maintenance required
- **Suitable for installation in tight spaces** under sink or bidet mixers
- Compatible with major chemical and thermal disinfection systems



GAMMA Series™

POINT-OF-USE WATER FILTERS – GAMMA™ SERIES

GENERAL INFORMATION

The point-of-use filters from the **MEDiAPure GAMMA™ series** are designed to ensure maximum **microbiological safety** of water in community settings and healthcare facilities. Their advanced technology provides an **effective barrier** against **Legionella** spp., **Pseudomonas** spp., **protozoa**, **fungi**, and **other pathogens**, reducing the risk of contamination in complex plumbing systems and extensive networks. Additionally, they guarantee **high water flow rates** at the point of use, ensuring continuous and safe dispensing for prolonged use.

The **technical superiority** of the **MEDiAPure GAMMA™ series** filters, stems from the **broad purification spectrum** of the **Versatile-PES®** and **Medisulfone®** hollow fiber membranes, developed and manufactured by **Medica S.p.A.** These membranes provide an effective barrier against pathogens, preventing infections and delivering pure, safe water for personal hygiene and the washing of medical instruments.

The **MEDiAPure GAMMA™ series** filters are available in four versions with different lifespans, ranging from **35 to 120 days**, validated in hospital settings. **Supplied in sterile packaging**, they offer a comprehensive range of point-of-use filtration solutions, adapting to every specific need:

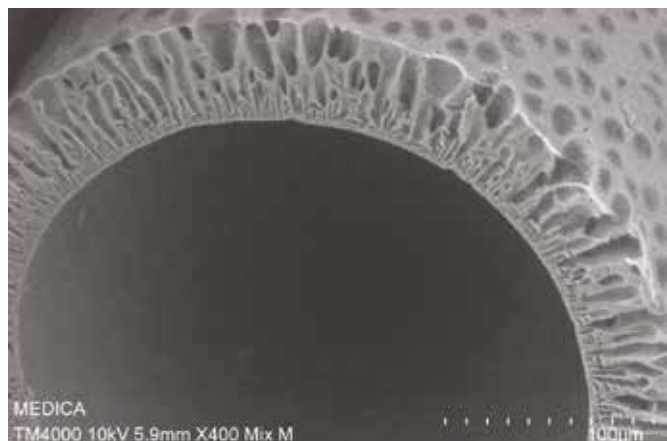
- **Sink or bidet filter** with **single-jet** or **rain-style flow**
- **Shower filter** wall-mounted or for flexible hose, with **rain-style flow**
- **In-line filter** for **birthing pools**

The new **GAMMA™ 2 miniseries**, developed in collaboration with **Legio.tools GmbH**, features a **compact design**, making it ideal for installation in **tight spaces under faucet mixers** for sinks or bidets.

Medisulfone® and Versatile-PES® are registered trademarks of Medica S.p.A.

MEDICA WATER DIVISION

Leader in the production of electromedical equipment and single-use medical devices, more than fifty registered patents, an innate vocation for research and development, the solidity of a group of 800 employees forged through 40 years in a market, **Medica S.p.A.** thanks to a continuous technological innovation it's the only Italian company with capillary membrane extrusion technology for purification of blood and water developed entirely within the organisation.



MEMBRANES

Medica S.p.A. manufactures and distributes two unique hollow-fibre membranes for water purification:

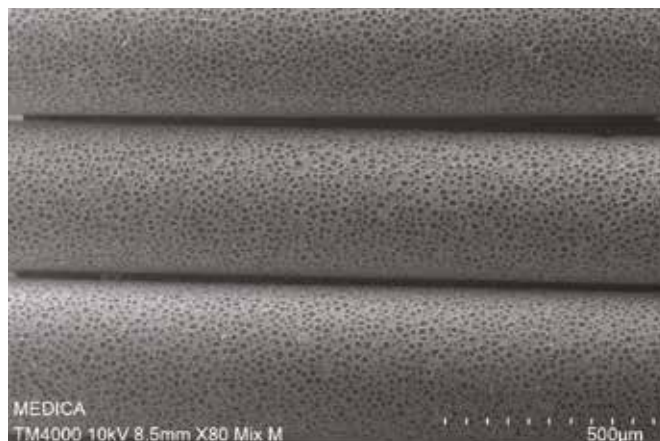


Medisulfone® - polysulfone (PSU) **ultrafiltration membrane**, used for more than 20 years in the field of dialysis in order to obtain ultra-pure dialysate, and in various other applications for the retention of bacteria, viruses and endotoxins, particulates/microplastics, and more generally all substances with a molecular weight cut-off (MWCO) greater than 15 kDa and dimensions greater than 0.005 µm.



Versatile-PES® - polyethersulfone (PES) **microfiltration membrane**, used in various applications for the retention of bacteria, yeasts, mould and algae, particulates/microplastics, and more generally all substances with a molecular weight cut-off (MWCO) greater than 1000 kDa and dimensions greater than 0.15 µm.

Medisulfone® and Versatile-PES® are registered trademarks of Medica S.p.A.



POINT-OF-USE FILTERS – GAMMA™ 1 SERIES

MICROBIOLOGICAL WATER PURIFICATION WITH EFFECTIVENESS – UP TO 35 DAYS

GENERAL INFORMATION

The **MEDiPure GAMMA™ 1** series filters are designed for the microbiological purification of water, effectively removing bacteria, viruses, endotoxins, and other substances larger than 0.005 microns. Their broad purification spectrum makes these filters an ideal solution for infection prevention, providing pure and safe water for personal hygiene and the washing of medical instruments.

The **MEDiPure GAMMA™ 1** series filters, validated in hospital settings for up to **35 days** of use, are **supplied in sterile packaging** and offer a comprehensive range of point-of-use filtration solutions, adapting to every specific need:

- **Sink or bidet filter** with **single-jet** or **rain-style flow**
- **Shower filter** wall-mounted or for flexible hose, with **rain-style flow**

TECHNICAL FEATURES

Models	MEDiPure GAMMA™ 1 SINK - EO	MEDiPure GAMMA™ 1 RAIN - EO	MEDiPure GAMMA™ 1 SHC- EO	MEDiPure GAMMA™ 1 SHT - EO
Installation	Sink / Bidet filter	Sink / Bidet filter / Shower filter for fixed wall installation	Handheld shower filter for flexible hose	Handheld shower filter for flexible hose
Water dispensing type	Single-jet flow	Rain-style flow	Rain-style flow	Rain-style flow
Use	Single use			
Expected lifespan ⁽¹⁾	Up to 35 days			
Internal Filtering - Surface Area	1.0 m² (10.000 cm²)			
Potting	Polyurethane			
Filter body	ABS (Acrylonitrile Butadiene Styrene) ⁽²⁾			
Filtration's grade	Ultrafiltration			
Filtration's stage	Single			
Membrane's type	Polysulfone (PSU) - Medisulfone ⁽³⁾			
Membrane's porosity	0,005 micron			
MWCO (Cut-off)	15 KDa			
Bacterial retention	>10 ¹¹ <i>Pseudomonas Aeruginosa</i> , <i>Brevundimonas Diminuta</i> (11 LRV)			
Viral retention	>10 ⁸ PhiX-174 (8 LRV)			
Endotoxins retention	>10 ⁶ EU/ml (5 LRV)			
Flow rate (lt/min - 3 Bar)	10 lt/min			
Maximum inlet pressure	5 Bar			
Maximum inlet temperature	60 °C			
Maximum Disinfection Temperature	75 °C / 30 min			
Certifications	Compliant with DM 174/2004 - Decree regarding materials and objects in contact with water intended for human consumption			
Sterilization	Ethylene Oxide (EO)			
Sterilization Duration	3 years			
Overall dimensions	Ø 80 x 104h (mm)	Ø 80 x 95h (mm)	80 x 235 x 100h (mm)	80 x 235 x 100h (mm)
Filter Inlet Connection	Male CPC ID 1/4" quick-connect	Male CPC ID 1/4" quick-connect	Male CPC ID 1/2" quick-connect	Male 1/2" BSP thread
Product code	M03685A	M03686A	M03688CA	M03688A
Q.ty box MOQ ⁽⁴⁾	15	15	6	6

(1) The expected lifespan is strongly influenced by the quality of the treated water (total dissolved solids) and the presence of a pre-filter upstream.

(2) Granule mixture containing a bacteriostatic additive to prevent retrograde contamination.

(3) Medisulfone® is a registered trademark of Medica S.p.A.

(4) MOQ = Minimum Order Quantity





GAMMA Series™

POINT-OF-USE FILTERS – GAMMA™ 2 miniseries

MICROBIOLOGICAL WATER PURIFICATION WITH EFFECTIVENESS – UP TO 75 DAYS

GENERAL INFORMATION

The **MEDiAPure GAMMA™ 2 miniseries** filters are designed for the microbiological purification of water, effectively removing bacteria, protozoa, fungi, and other substances larger than 0.15 microns. Their high bacterial retention makes these filters an ideal solution for infection prevention, providing pure and safe water for personal hygiene and the washing of medical instruments.

The **MEDiAPure GAMMA™ 2 miniseries** filters, validated in hospital settings for up to **75 days** of use, are supplied in **sterile packaging** and offer a comprehensive range of point-of-use filtration solutions, adapting to every specific need:

- **Sink or bidet filter** with **single-jet or rain-style flow**
- **Shower filter** wall-mounted, with **rain-style flow**
- **Shower filter** for flexible hose installation on a **reusable handle support**, with **rain-style flow**

The new **GAMMA™ 2 miniseries**, developed in collaboration with **Legio.tools GmbH**, features a compact design, making it ideal for installation in **tight spaces under faucet mixers** for sinks or bidets.

TECHNICAL FEATURES

Models	MEDiAPure GAMMA™ 2 mini SINK - EO	MEDiAPure GAMMA™ 2 mini RAIN - EO	MEDiAPure GAMMA™ 2 SHT - EO	
Installation	Sink / Bidet filter	Sink / Bidet filter / Shower filter wall-mounted	Handheld shower filter for flexible hose	
Water dispensing type	Single-jet flow	Rain-style flow	Rain-style flow	
Use	Single			
Expected lifespan ⁽¹⁾	Up to 75 days			
Internal Filtering Surface Area	0,12 m² (1.200 cm²)			
Potting	Polyurethane			
Filter body	ABS (Acrylonitrile Butadiene Styrene) ⁽²⁾			
Filtration's grade	Microfiltration			
Filtration's stage	Single			
Membrane's type	Polyethersulfone (PES) - Versatile-PES* ⁽³⁾			
Membrane's porosity	0,15 micron			
MWCO (Cut-off)	1000 KDa			
Bacterial retention	>10 ¹¹ <i>Pseudomonas Aeruginosa</i> , <i>Brevundimonas Diminuta</i> (11 LRV)			
Viral retention	N/A			
Endotoxins retention	N/A			
Flow rate (lt/min - 3 Bar)	4 lt/min	7 lt/min		
Maximum inlet pressure	5 Bar			
Maximum inlet temperature	60 °C			
Maximum Disinfection Temperature	75 °C / 30 min			
Certifications	Compliant with DM 174/2004 – Decree regarding materials and objects in contact with water intended for human consumption			
Sterilization	Ethylene Oxide (EO)			
Sterilization Duration	3 years			
Overall dimensions	Ø 55 x 74h (mm)	Ø 55 x 72h (mm)	55 x 180 x 105h (mm)	
Filter Inlet Connection	Male CPC ID 1/4" quick-connect	Male CPC ID 1/4" quick-connect	Male 1/2" BSPP thread	
Product code	M90559	M90560	M90612	
Q.ty box MOQ ⁽⁴⁾	20	20	1 filter handle cod. M84387	20 mini-RAIN filters cod. M90560

(1) The expected lifespan is strongly influenced by the quality of the treated water (total dissolved solids) -

(3) Versatile-PES® is a registered trademark of Medica S.p.A.

(2) Granule mixture containing a bacteriostatic additive to prevent retrograde contamination

(4) MOQ = Minimum Order Quantity



POINT-OF-USE FILTERS – GAMMA™ 3 SERIES

MICROBIOLOGICAL WATER PURIFICATION WITH EFFECTIVENESS – UP TO 92 DAYS

GENERAL INFORMATION



The **MEDiAPure GAMMA™ 3 series** filters are designed for the microbiological purification of water, effectively removing bacteria, protozoa, fungi, and other substances larger than 0.15 microns. Their high bacterial retention makes these filters an ideal solution for infection prevention, providing pure and safe water for personal hygiene and the washing of medical instruments.

The **MEDiAPure GAMMA™ 3 series** filters, validated in hospital settings for up to **92 days** of use, are supplied in **sterile packaging** and offer a comprehensive range of point-of-use filtration solutions, adapting to every specific need:

- **Sink or bidet filter with single-jet or rain-style flow**
- **Shower filter** wall-mounted or for flexible hose, with **rain-style flow**
- **In-line filter** for **birthing pools**

For installation in **tight spaces** under sink or bidet mixers, the **GAMMA™ 3 FLAT** filter is the ideal solution.

TECHNICAL FEATURES

Models	MEDiAPure GAMMA™ 3 SINK - EO	MEDiAPure GAMMA™ 3 RAIN - EO	MEDiAPure GAMMA™ 3 SHC - EO	MEDiAPure GAMMA™ 3 SHT - EO	MEDiAPure GAMMA™ 3 IL - EO	MEDiAPure GAMMA™ 3 FLAT - EO
Installation	Sink / Bidet filter	Sink / Bidet filter / Shower filter wall-mounted	Handheld shower filter for flexible hose	Handheld shower filter for flexible hose	In-line Filter	Sink / Bidet filter
Water dispensing type	Single-jet flow	Rain-style flow	Rain-style flow	Rain-style flow	Single-jet flow	Single-jet flow
Use	Single					
Expected lifespan ⁽¹⁾	Up to 92 days					
Internal Filtering Surface Area	1,0 m² (10.000 cm²)					
Potting	Polyurethane					
Filter body	ABS (Acrylonitrile Butadiene Styrene) ⁽²⁾					
Filtration's grade	Microfiltration					
Filtration's stage	Single					
Membrane's type	Polyethersulfone (PES) - Versatile-PES® ⁽³⁾					
Membrane's porosity	0,15 micron					
MWCO (Cut-off)	1000 KDa					
Bacterial retention	>10 ¹¹ <i>Pseudomonas Aeruginosa</i> , <i>Brevundimonas Diminuta</i> (11 LRV)					
Viral retention	N/A					
Endotoxins retention	N/A					
Flow rate (lt/min - 3 Bar)	15 lt/min					5 lt/min
Maximum inlet pressure	5 Bar					
Maximum inlet temperature	60 °C					
Maximum Disinfection Temperature	75 °C / 30 min					
Certifications	Compliant with DM 174/2004 – Decree regarding materials and objects in contact with water intended for human consumption					
Sterilization	Ethylene Oxide (EO)					
Sterilization Duration	3 years					
Overall dimensions	Ø 80 x 104h (mm)	Ø 80 x 95h (mm)	80 x 235 x 100h (mm)	80 x 235 x 100h (mm)	Ø 80 x 185h (mm)	61 x 105 x 58h (mm)
Filter Inlet Connection	Male CPC ID 1/4" quick-connect	Male CPC ID 1/4" quick-connect	Male CPC ID 1/2" quick-connect	Male 1/2" BSPP thread	Male CPC ID 1/4" quick-connect	Male CPC ID 1/4" quick-connect
Product code	M90219A	M90220A	M90221A	M90248A	M90382A	M90482
Q.ty box MOQ ⁽⁴⁾	15	15	6	6	10	15

(1) The expected lifespan is strongly influenced by the quality of the treated water (total dissolved solids) -
(3) Versatile-PES® is a registered trademark of Medica S.p.A. -

(2) Granule mixture containing a bacteriostatic additive to prevent retrograde contamination
(4) MOQ = Minimum Order Quantity



FILTRI AL PUNTO D'USO SERIE GAMMA™ 4

PURIFICAZIONE MICROBIOLOGICA DELL'ACQUA CON EFFICACIA FINO A 120 GIORNI

GENERAL INFORMATION

The **MEDiPure GAMMA™ 4 series** filters are designed for the microbiological purification of water, effectively removing bacteria, protozoa, fungi, and other substances larger than 0.15 microns. Their high bacterial retention makes these filters an ideal solution for infection prevention, providing pure and safe water for personal hygiene and the washing of medical instruments.

The **MEDiPure GAMMA™ 4 series** filters, validated in hospital settings for up to **120 days** of use, are supplied in **sterile packaging** and offer a comprehensive range of point-of-use filtration solutions, adapting to every specific need:

- **Sink or bidet filter** with **single-jet** or **rain-style flow**
- **Shower filter** wall-mounted or for flexible hose, with **rain-style flow**

For installation in **tight spaces** under sink or bidet mixers, the **GAMMA™ 4 FLAT** filter is the ideal solution.

TECHNICAL FEATURES

Models	MEDiPure GAMMA™ 4 SINK - EO	MEDiPure GAMMA™ 4 RAIN - EO	MEDiPure GAMMA™ 4 SHC- EO	MEDiPure GAMMA™ 4 SHT - EO	MEDiPure GAMMA™ 3 FLAT - EO
Installation	Sink / Bidet filter	Sink / Bidet filter / Shower filter wall-mounted	Handheld shower filter for flexible hose	Handheld shower filter for flexible hose	Sink / Bidet filter
Water dispensing type	Single-jet flow	Rain-style flow	Rain-style flow	Rain-style flow	Single-jet flow
Use	Up to 120 days				
Expected lifespan ⁽¹⁾	1,2 m² (12.000 cm²)				
Internal Filtering Surface Area	Polyurethane				
Potting	ABS (Acrylonitrile Butadiene Styrene) ⁽²⁾				
Filter body	Microfiltration				
Filtration's grade	Single				
Filtration's stage	Polyethersulfone (PES) - Versatile-PES ⁽³⁾				
Membrane's type	0,15 micron				
Membrane's porosity	1000 KDa				
MWCO (Cut-off)	>10 ¹¹ <i>Pseudomonas Aeruginosa</i> , <i>Brevundimonas Diminuta</i> (11 LRV)				
Bacterial retention	N/A				
Viral retention	N/A				
Endotoxins retention	N/A				
Flow rate (lt/min - 3 Bar)	18 lt/min				5 lt/min
Maximum inlet pressure	5 Bar				
Maximum inlet temperature	60 °C				
Maximum Disinfection Temperature	75 °C / 30 min				
Certifications	Compliant with DM 174/2004 - Decree regarding materials and objects in contact with water intended for human consumption				
Sterilization	Ethylene Oxide (EO)				
Sterilization Duration	3 years				
Overall dimensions	Ø 80 x 104h (mm)	Ø 80 x 95h (mm)	80 x 235 x 100h (mm)	80 x 235 x 100h (mm)	61 x 105 x 58h (mm)
Filter Inlet Connection	Male CPC ID 1/4" quick-connect	Male CPC ID 1/4" quick-connect	Male CPC ID 1/2" quick-connect	Male 1/2" BSPP thread	Male CPC ID 1/4" quick-connect
Product code	M90607	M90608	M90609	M90610	M90611
Q.ty box MOQ ⁽⁴⁾	15	15	6	6	15

(1) The expected lifespan is strongly influenced by the quality of the treated water (total dissolved solids) -

(3) Versatile-PES[®] is a registered trademark of Medica S.p.A. -

(2) Granule mixture containing a bacteriostatic additive to prevent retrograde contamination

(4) MOQ = Minimum Order Quantity



COUPLINGS FOR GAMMA™ SERIES POINT-OF-USE FILTERS



GENERAL INFORMATION

The **MEDiaPure GAMMA™** series filters utilize **standard Colder quick-connect fittings** with the following features:

- **Ease** of maintenance and filter **replacement**
- **Secure** and **reliable connection**, preventing leaks
- **High resistance** to pressure and temperature, essential for healthcare and industrial systems

The table below lists the **couplings models** provided by **Medica S.p.A.**, categorized by product type, along with the key technical specifications of each solution.

TECHNICAL FEATURES

Models	CPC-Compatible COUPLINGS					
Type of coupling	Quick-connect valved coupling					
Coupling body material	Brass			Polypropylene (PP)	Acetalic Resin	
Surface Finish	Food-Grade Chrome Plating			Natural	Natural	
Valve material	Acetalic Resin			Polypropylene (PP)	Acetalic Resin	
Release Button Material	Stainless Steel			Polypropylene (PP)	Polypropylene (PP)	
Valve spring material	Stainless Steel			Stainless Steel	Stainless Steel	
Valve O-Ring	Nitrile			EPDM	BUNA-N	
External seal	NBR			N/A	N/A	
Maximum working pressure	10 Bar			5 Bar	8,3 Bar	
Maximum working temperature	-40°C ÷ 82°C			0°C ÷ 71°C	-40°C ÷ 82°C	
Inlet connection ⁽¹⁾	Male thread M24x1	Male thread M28X1	Female thread F22X1	Male thread 1/2"BSPP	Male thread 3/8"BSPP	Male thread 1/4"BSPP
Outlet connection	For CPC ID 1/4"			For CPC ID 1/2"	For CPC ID 1/4"	
Product code	M03708-01	M03709-01	M03711-01	M03715	M80345	M80345
Q.ty box MOQ	1	1	1	1	1	1
Reference Filters (Product Code)	M03685A, M03686A, M90559, M90560, M90219A, M90220A, M90482, M90607, M90608, M90611			M03688CA, M90221A	M90382A	

(1) For orders exceeding 100 pieces, additional inlet connection types are available.





MEMBRANE *EXPERTISE*TM
MEDICA

Medica S.p.A.

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