



SyriFILT®™ / Disposable Filter

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The purpose of filters:

- Street drugs are regularly contaminated with additives (dilutants). A disposable sterile filter greatly eliminates these contaminants.
- The use of a filter can prevent further damage to health such as abscesses, phlebitis, embolism, edema, pulmonary complications, etc.

All disposable filters are individually sterilized EO (ethylene oxide) and packed in blister packs. All filters are medical devices specifically designed for intravenous drug use and are CE marked. They are intended for single use.

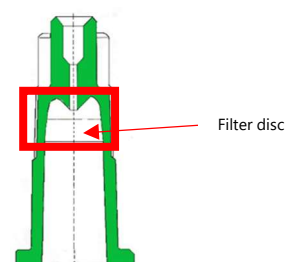
The filter technology of COMPET MEDICAL AG guarantees a safety that is not achieved by cigarette filters, handkerchiefs, wool beads, cotton swabs, etc. due to poor hygiene and lack of filter properties. Non-industrial filters do not provide a reproducible filter result like our SyriFILT®™ filters. Pulp filters can fray and enter the bloodstream.

The development of the filter was realized in cooperation with Delta Lab in Rotterdam. On behalf of the Dutch Ministry of Health, this lab made drug analyses of street drugs for risk identification. The filter was used in this. After filtering an injection solution, it was found using gas chromatography /electron spectrometer that 93 % of the foreign substances were filtered out of the solution. An absolute series of measurements cannot be given because street drugs often have a wide range of contaminants.

1. SyriFILT®™ STANDARD (Filter Disc)

SyriFILT®™ STANDARD

- The SyriFILT®™ STANDARD is an aspiration-filter with a filter disc in the Luer hub.
- It greatly eliminates impurities (dilutants) from a drug injection solution.



SyriFILT®™ STANDARD
Norm-Luer hub with filter disc
Luer slip & Luer lock

COMPET MEDICAL AG

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Benefits of the SyriSET®™

STANDARD:

- An essential advantage of the well-known SyriFILT®™ STANDARD is:
 1. Attach the filter
 2. Draw up the solution
 3. Remove the filter
 4. Attach the needle
 5. Inject the solution
 6. Dispose of safely
- This makes both the injection and disposal safer.

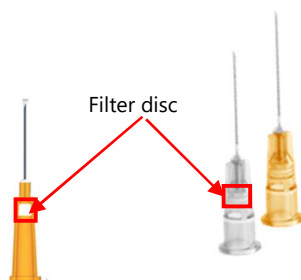


SyriFILT®™ STANDARD
Norm-LUER hub with filter disc
Luer slip & Luer lock



SyriSET®™ STANDARD
2 ml syringe, 3-parts, Luer slip
SyriFILT®™ STANDARD attached
needle included

2. SyriFILT®™ PIC (Filter Disc)



SyriFILT®™ PIC
Filter disc is integrated in the Luer of of the hypodermic needle
Luer slip & Luer lock



SyriFILT®™ PIC

- The SyriFILT®™ PIC is a standard hypodermic needle with integrated filter disc, making it a special hypodermic needle.
- The filter material complies with SyriFILT®™ STANDARD.
- The SyriFILT®™ PIC eliminates maximum impurities in a solution before injection.
- The use of syringes with Luer lock connection ensures a secure hold of the SyriFILT®™ PIC.

Characteristics of our needles:

- Thin-shaft hypodermic needles made of stainless chromium-nickel steel.
- Special bevel cut for minimal pain when inserting the needle.
- With a very smooth surface and silicone coating.
- Color coding according to ISO 6009.
- Needles are individually packed, sterile, in blister packs.

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SyriSET®™ PIC

2 ml syringe, 3-parts, Luer lock
SyriFILT®™ PIC included

Benefits of the SyriFILT®™ PIC:

- Easier handling: The filter and hypodermic needle can be attached to the syringe with just one hand. Procedure:
 1. Draw up the solution
 2. Attach the special needle
 3. Inject the solution
 4. Dispose of the syringes safely
- This eliminates the aspiration step through the filter. The SyriFILT®™ PIC is simpler and more user-friendly.
- The filter clogs after a single use and cannot be reused.
- This type of filter produces less waste (no additional packaging for the filter).

3. SyriFILT®™ PIC SAFE (Filter Disc)

SyriFILT®™ PIC SAFE

- The SyriFILT®™ PIC SAFE is a safety standard hypodermic needle with integrated filter disc, making it a special safety hypodermic needle.
- The filter material complies with SyriFILT®™ STANDARD.
- It greatly eliminates impurities (dilutants) from a drug injection solution.
- The use of syringes with Luer lock connection ensures a secure hold of the SyriFILT®™ PIC SAFE.



SyriFILT®™ PIC SAFE attached
Before injection
Luer- slip & Luer lock



SyriFILT®™ PIC SAFE
After injection
Luer slip & Luer lock

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Benefits of the SyriFILT®™ PIC SAFE:

- Easier handling: The filter and hypodermic needle can be attached to the syringe with just one hand.
Procedure:
 1. Draw up the solution
 2. Attach the special needle
 3. Inject the solution
 4. Dispose of the syringes safely
- This eliminates the aspiration step through the filter.
- The SyriFILT®™ PIC SAFE is simpler and more user-friendly.
- The filter clogs after a single use and cannot be reused.
- This type of filter produces less waste (no additional packaging for the filter).
- Reduction of the risk of needle stick injuries.
- Remains safe even after disposal.
- Easy to use.

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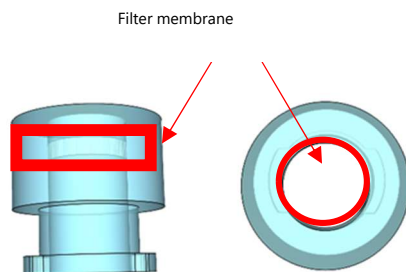
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4. SyriFILT®™ SHORT (Filter Membrane)



SyriFILT®™ SHORT
Filter membrane: 10 mm Ø
Luer slip & Luer lock



SyriFILT®™ SHORT



SyriSET®™ SHORT
1 ml syringe, 3-parts, LDS, Luer slip
SyriFILT®™ SHORT attached
needle included

SyriFILT®™ SHORT

- The filter membrane has a diameter of 10 mm. It consists of a non-woven polypropylene.

Special benefits of the SyriFILT®™ SHORT

- This filter is extra short. The SyriFILT®™ SHORT has been specially developed for prevention kits the size of a cigarette pack (Marlboro 100) LxWxH: 100 x 60 x 22 mm) and for vending machines. In this technology/solution, the syringe comes with attached filter.
 - SyriFILT®™ SHORT longer by 2 mm
 - SyriFILT®™ STANDARD longer by 7 mm
- Its easy handling
 1. Attach the filter
 2. Draw up the solution
 3. Remove the filter
 4. Attach the needle
 5. Inject the solution
 6. Dispose of safely
- This makes both the injection and disposal safer.

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5. SyriFILT®™ TOP (filter membrane, antibacterial)

SyriFILT®™ TOP

- SyriFILT®™ TOP is a high performance filter, that means; the moistened surface is larger.
- The filter membrane is at 16 mm Ø or 22 mm Ø. The SyriFILT®™ TOP cannot filter viruses.

Special benefits of the SyriFILT®™ TOP

- A major advantage of this filter is the elimination of almost all microorganisms (bacteria or fungi) from the solution for injection.
- An essential advantage of the well-known SyriFILT®™ TOP is:
 1. Attach the filter
 2. Draw up the solution
 3. Remove the filter
 4. Attach the needle
 5. Inject the solution
 6. Dispose of safely.
- This makes both the injection and disposal safer.



SyriFILT®™ TOP
filter membrane
Luer slip & Luer lock

Types



SyriFILT®™ TOP
(Filter membrane (PVDF/L)
Pore size: 0.22 µ, 25 mm Ø



SyriFILT®™ TOP
Filter membrane (PFDF/L)
Pore size: 0.22 µ, 13 mm Ø



SyriFILT®™ TOP
(Filter membrane (PTFE/L)
Pore size: 0.22 µ, 25 mm Ø



SyriFILT®™ TOP
(Filter membrane (PTFE/L)
Pore size: 0.22 µ, 13 mm Ø



SyriFILT®™ TOP
Filter membrane (PTFE/L)
Pore size: 0.22 µ, 25 mm Ø



SyriFILT®™ TOP
Filter membrane (PTFE/L)
Pore size: 0.22 µ, 13 mm Ø



SyriSET®™ TOP
5 ml syringe, 3-parts, Luer slip
1 SyriFILT®™ TOP attached
1 x needle included

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