

# Syringe Filters PVDF-G



## Syringe Filters Polivinilidenedifloride PVDF Serie G

Dorsan® syringe filters made Polivinilidenedifloride membranes (PVDF). **We offer hydrophilic and hydrophobic versions.**

Designed to have a high chemical compatibility. This type of filter syringe is highly valued for its ability to achieve the highest requirements requested in the different applications of chemical filtration.

They are a very good alternative to economically PTFE syringe filters gas leaks or ventilation. They are ideal for sterilization and clarification of biological solutions.

High flow, low extractables, low protein adsorption and wide chemical compatibility make them an excellent choice in most applications.

Connections designed FLL / MLS, the outer ring allowed to have a greater resistance to pressure syringe filters simply brazed outwardly.

### Features

- High mechanical strength
- Hydrophilic or Hydrophobic version
- Compatible with aggressive solutions
- Alternative to PTFE filters
- The best ratio quality / price

**DORSAN**®  
LIVING FILTRATION

# Syringe Filters PVDF-G

## Syringe filters Polivinilidenedifloride PVDF, Serie G, characteristics

|                                       | 13 mm        | 25 mm        |
|---------------------------------------|--------------|--------------|
| Membrane / Outside Capsule            | PVDF / PP    | PVDF / PP    |
| Filter Diameter (mm)                  | 13 mm        | 25 mm        |
| Filtration Surface (cm <sup>2</sup> ) | 1.09         | 4.08         |
| Pore Size (µm)                        | 0.22 // 0.45 | 0.22 // 0.45 |
| Sample Volume (ml)                    | <10          | <100         |
| Maxim Operative Temperature           | 100°C        | 100°C        |
| Maxim Operative Pression (psi)        | 87           | 87           |

## Syringe filters Polivinilidenedifloride PVDF (Hydrophobic), Serie G, specifications

| Code           | Description  | Packaging u. |
|----------------|--|--------------|
| <b>0.22 µm</b> |  |              |
| S13-PVDF022-G  | Non Sterile Hydrophobic PVDF Syringe Filters, Pore: 0.22 µm, Diameter 13 mm, Gear Edge | 100          |
| S25-PVDF022-G  | Non Sterile Hydrophobic PVDF Syringe Filters, Pore: 0.22 µm, Diameter 25 mm, Gear Edge | 100          |
| <b>0.45 µm</b> |  |              |
| S13-PVDF045-G  | Non Sterile Hydrophobic PVDF Syringe Filters, Pore: 0.45 µm, Diameter 13 mm, Gear Edge | 100          |
| S25-PVDF045-G  | Non Sterile Hydrophobic PVDF Syringe Filters, Pore: 0.45 µm, Diameter 25 mm, Gear Edge | 100          |

## Syringe filters Polivinilidenedifloride PVDF (Hydrophilic), Serie G, specifications

| Code               | Description  | Packaging u. |
|--------------------|--|--------------|
| <b>0.22 µm</b>     |  |              |
| S13-PVDF022-G-PHIL | Non Sterile Hydrophilic PVDF Syringe Filters, Pore: 0.22 µm, Diameter 13 mm, Gear Edge | 100          |
| S25-PVDF022-G-PHIL | Non Sterile Hydrophilic PVDF Syringe Filters, Pore: 0.22 µm, Diameter 25 mm, Gear Edge | 100          |
| <b>0.45 µm</b>     |  |              |
| S13-PVDF045-G-PHIL | Non Sterile Hydrophilic PVDF Syringe Filters, Pore: 0.45 µm, Diameter 13 mm, Gear Edge | 100          |
| S25-PVDF045-G-PHIL | Non Sterile Hydrophilic PVDF Syringe Filters, Pore: 0.45 µm, Diameter 25 mm, Gear Edge | 100          |

Note. We reserve the right to change these informations without any previous notice.

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