# FICHE TECHNIQUE

## TYPE SF PT 22

### DESIGNATION

- Filtres seringues avec membrane en polytétra-fluoréthylène (PTFE)
- Hydrophobe, non stérile

### APPLICATIONS

- Stérilisation de l'air
- Préparation d'échantillons HPLC
- Filtration de solutions aqueuses après imbibition avec un solvant adapté (éthanol, méthanol…)

### SPECIFICATIONS TECHNIQUES

| | |
|---|---|
| Matériau du corps | PP Polypropylène |
| Porosité (µm) | 0.22 |
| Pression max. (psi) | 87 |
| Point de bulles min. (psi) | 14.5 |
| Température max. (°C) | 50 |
| Stabilité chimique (pH) | 1-14 |
| Entrée | Luer lock femelle |
| Sortie | Luer slip mâle |

| **Diamètre (mm)** | **13** | **25** | **30** | **33** |
|---|---|---|---|---|
| Surface de filtration ($cm^2$) | 0.92 | 2.98 | 4.9 | 7.45 |
| Volume échantillon max. (mL) | 10 | 100 | 110 | 150 |
| Volume mort max. (µL) | 10 | 50 | 100 | 300 |
| Débit (mL/mn@10psi) | 6-10 | 25-35 | 28-60 | 45-90 |

### DONNEES COMMERCIALES

| Diamètre (mm) | Réf. Commerciale | Conditionnement |
|---|---|---|
| 13 | SF13PT22C | 100 |
| | SF13PT22M | 1000 |
| 25 | SF25PT22L | 50 |
| | SF25PT22C | 100 |
| | SF25PT22M | 1000 |
| 30 | SF30PT22L | 50 |
| | SF30PT22M | 1000 |
| 33 | SF33PT22L | 50 |
| | SF33PT22M | 1000 |

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# TECHNICAL DATA

## TYPE SF PT 22

### DESCRIPTION

- Syringe filters with polytetrafluorethylene (PTFE) membrane
- Hydrophobic, non-sterile

### APPLICATIONS

- Air sterilization
- Preparation of HPLC samples
- Filtration of aqueous solutions after imbibition with a suitable solvent (ethanol, methanol…)

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Material | PP Polypropylene |
| Pore size (µm) | 0.22 |
| Max. pressure (psi) | 87 |
| Min. Bubble point (psi) | 14.5 |
| Max. temperature (°C) | 50 |
| Chemical compatibility (pH) | 1-14 |
| Inlet | Female luer lock |
| Outlet | Male luer slip |

| Diameter (mm) | 13 | 25 | 30 | 33 |
|---|---|---|---|---|
| Filtration area ($cm^2$) | 0.92 | 2.98 | 4.9 | 7.45 |
| Max. volume sample (mL) | 10 | 100 | 110 | 150 |
| Max. holdup volume (µL) | 10 | 50 | 100 | 300 |
| Flow rate (mL/mn@10psi) | 6-10 | 25-35 | 28-60 | 45-90 |

### SALES DATA

| Diameter (mm) | Commercial ref | Packaging |
|---|---|---|
| 13 | SF13PT22C | 100 |
| | SF13PT22M | 1000 |
| 25 | SF25PT22L | 50 |
| | SF25PT22C | 100 |
| | SF25PT22M | 1000 |
| 30 | SF30PT22L | 50 |
| | SF30PT22M | 1000 |
| 33 | SF33PT22L | 50 |
| | SF33PT22M | 1000 |

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