

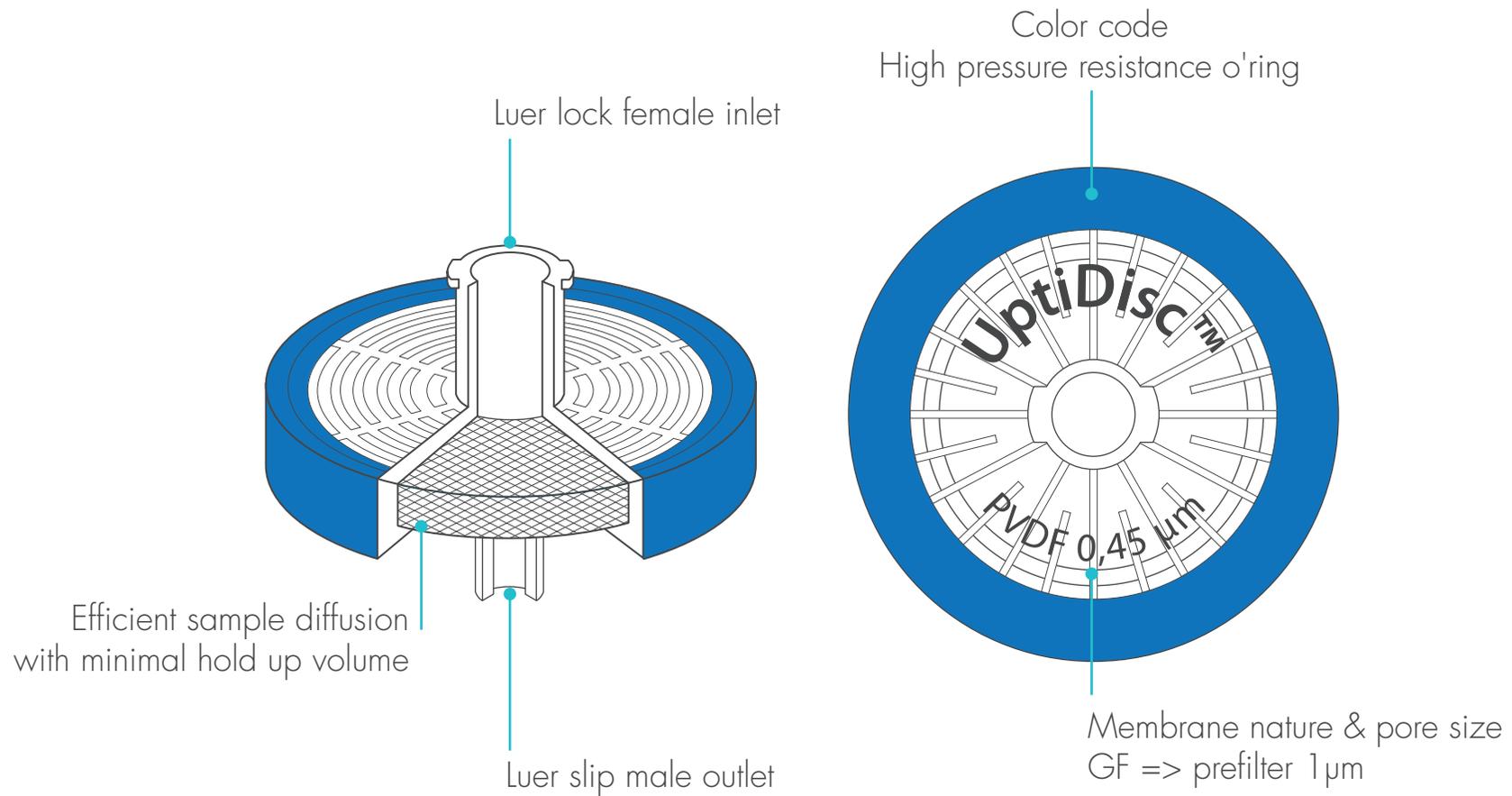
# UPTIDISC™ SELECTION

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- ◆ High quality filtration products
  - ◆ Protect HPLC & GC columns
  - ◆ Save time / sample preparation step
  - ◆ Wide range of membranes
  - ◆ Easy to use
-

# TECHNICAL DATA

## UptiDisc™ syringe filters Technology



# TECHNICAL DATA

## UptiDisc™ syringe filter Membranes



### • Cellulose Acetate - CA:

Ideal hydrophilic membrane for the filtration of aqueous samples, with low solvent resistance. Less chemical resistance compare to RC membranes. A Glass pre-filter membrane is used for tissue culture media filtration, biological sample filtration, as clarification and sterilization of aqueous samples. Very low protein binding (binding < PVDF, PS), the Glass pre-filter.



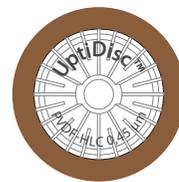
### • Nylon - polyamide 6-6:

Commonly used for HPLC samples filtration prior to injection, with good solvent resistance. Having hydrophilic properties, it gives good results with aqueous samples. Should not be used when maximum protein recovery is required.



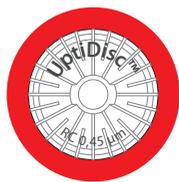
### • PTFE - polytetrafluoroethylene:

Hydrophobic membrane chemically resistant to solvents, acids and bases. This membrane is ideal for filtration of chromatography solvents, with no extractable due to the PTFE membrane. **+ info:** Available with PTFE Hydrophilic membrane (PTFE-HLC)



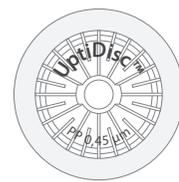
### • PVDF - polyvinylidene difluoride:

Hydrophilic membrane with a good solvent resistance. Ideal for filtration of HPLC mobile phase solvents and for most of biological samples. PVDF membrane is also considered as having the lowest protein binding. **+ info:** Available with PVDF Hydrophilic membrane (PVDF-HLC) Autoclavable Maximum temperature 200°C



### • Regenerated Cellulose - RC:

Hydrophilic membrane that has the same properties as cellulose acetate but stable with most HPLC solvents. This membrane is used for HPLC solvents, degassing, and filtration and is compatible with aqueous samples in a pH range from 2 to 12. With a no-specific low protein binding, this membrane is chosen for protein filtration when maximum yield of recovery is needed.



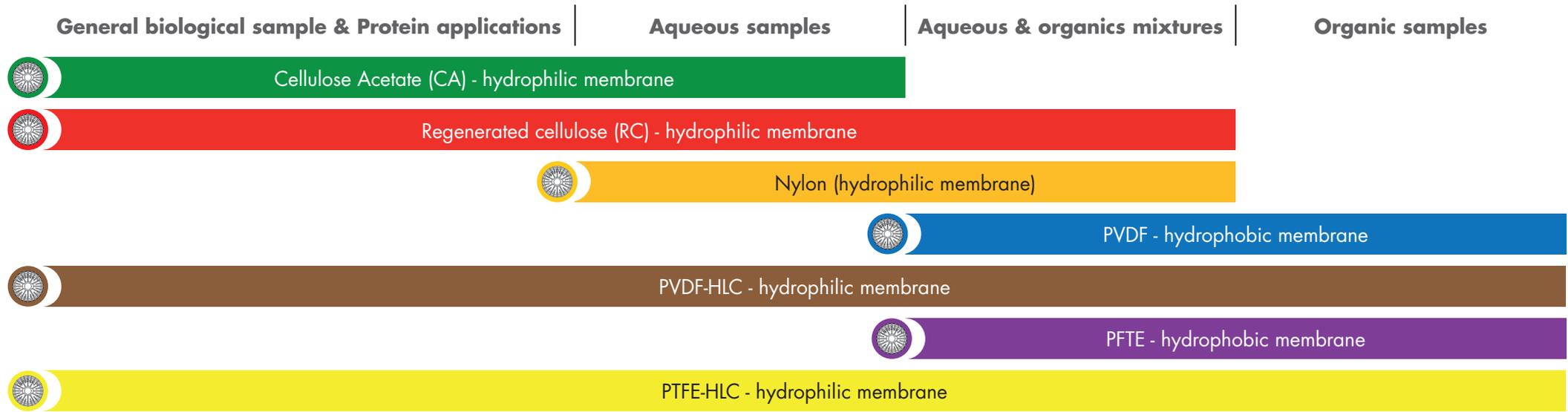
### • PP - polypropylene:

High resistance, may be used with virtually all solvents, acids and bases.

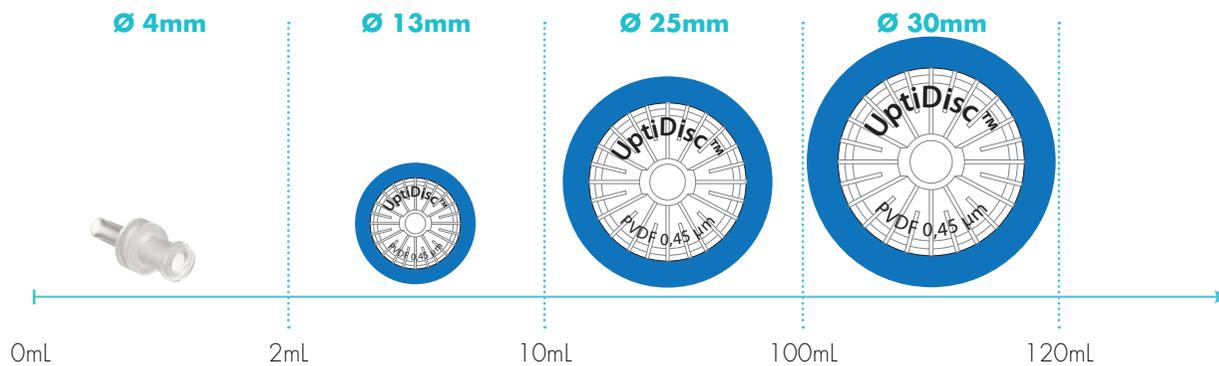
# TECHNICAL DATA

## How to choose the right filter?

### 1. Select the suitable membrane



### 2. Select syringe filter diameter according to the sample volume

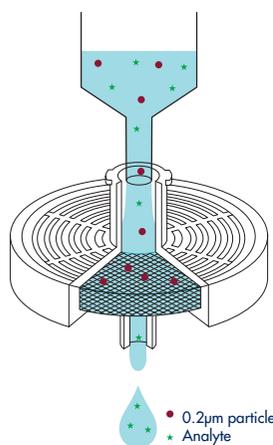


## How to choose the right filter?

### 3. Select syringe filter pore size

#### Pore size: 0.20µm

UHPLC/HPLC  
& LC/MS analysis  
<3µm columns  
GC analysis

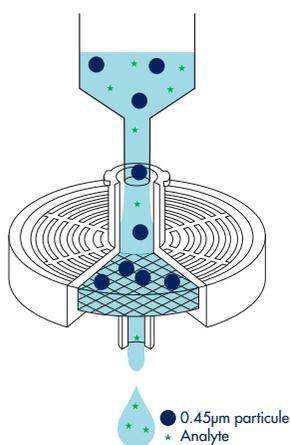


∅ 3µm

Low

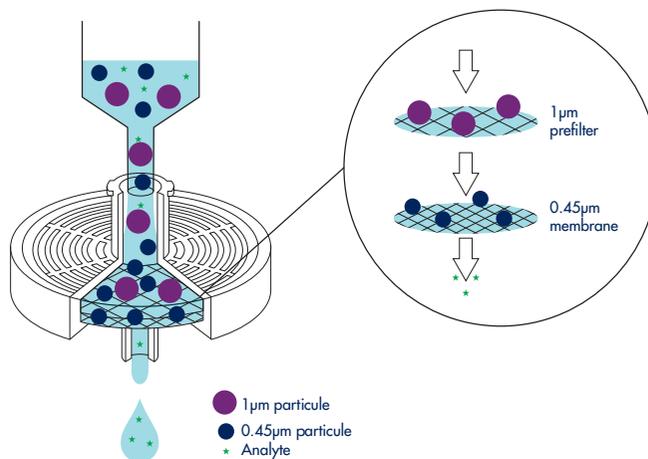
#### Pore size: 0.45µm

HPLC analysis  
>3µm columns  
Viscous samples  
or/with suspended solids



#### Pore size: 0.45µm + prefilter 1µm

Viscous  
& high suspended solids

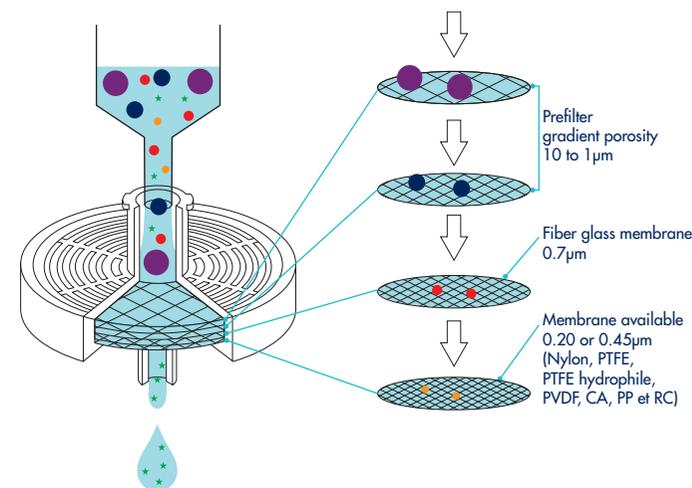


● 1µm particule  
● 0.45µm particule  
★ Analyte

Medium

#### GFX technology

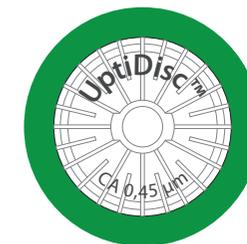
To filter very high particulate solutions:  
biological, dissolution testing, environmental samples,  
food analysis, biofuel analysis



∅ particle size

High

# CELLULOSE ACETATE

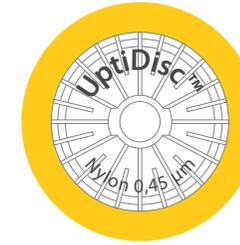


# CA

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | EV3860 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | EV3850 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | EV3830 | 100u     |
| 25mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | EV3820 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | EV3810 | 100u     |
| 25mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | EV3840 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CD20 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | B0CD21 | 500u     |
| 30mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CD30 | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CD40 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | B0CD41 | 500u     |
| 30mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CD50 | 100u     |



# POLYAMIDE 6-6



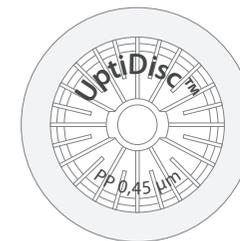
# Nylon

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00500 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00510 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11410 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11411 | 500u     |
| 25mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54670 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11720 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11721 | 500u     |
| 25mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54680 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCISO | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCIS1 | 500u     |
| 30mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCITO | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCIU0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCIU1 | 500u     |
| 30mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCIVO | 100u     |

2.2



# POLYPROPYLENE HYDROPHOBIC



# PP

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00580 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00590 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11790 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11791 | 500u     |
| 25mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54690 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11800 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11801 | 500u     |
| 25mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54700 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU30 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | B0CU31 | 500u     |
| 30mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU40 | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU50 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | B0CU51 | 500u     |
| 30mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU60 | 100u     |



# POLYTETRAFLUOROETHYLENE HYDROPHOBIC

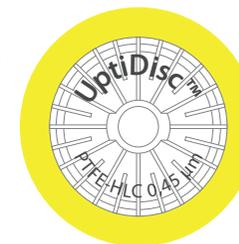


## PTFE

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00520 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00530 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11730 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11731 | 500u     |
| 25mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54710 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11740 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11741 | 500u     |
| 25mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54720 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU70 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | B0CU71 | 500u     |
| 30mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU80 | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CU90 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | B0CU91 | 500u     |
| 30mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | B0CUA0 | 100u     |



# POLYTETRAFLUOROETHYLENE HYDROPHILIC

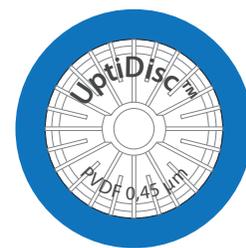


# PTFE HLC

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | <10µL       | <10mL              | 87psi         | 1L3570 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | <10µL       | <10mL              | 87psi         | 1L3580 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3590 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | 1L3591 | 500u     |
| 25mm | 0.20µm    | yes 1,0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3600 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3610 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | 1L3611 | 500u     |
| 25mm | 0.45µm    | yes 1,0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3620 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUB0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCUB1 | 500u     |
| 30mm | 0.20µm    | yes 1,0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUC0 | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUD0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCUD1 | 500u     |
| 30mm | 0.45µm    | yes 1,0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUE0 | 100u     |



# POLYVINYLIDENE DIFLUORIDE HYDROPHOBIC

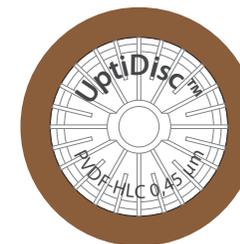


# PVDF

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00560 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | P00570 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11770 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11771 | 500u     |
| 25mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54730 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | N11780 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | N11781 | 500u     |
| 25mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | < 100µL     | < 100mL            | 87psi         | U54740 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUF0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCUF1 | 500u     |
| 30mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUG0 | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUH0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCUH1 | 500u     |
| 30mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUI0 | 100u     |



# POLYVINYLIDENE DIFLUORIDE HYDROPHILIC

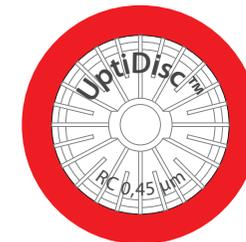


# PVDF HLC

| Ø    | Pore Size | Prefilter     | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|---------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no            | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | <10µL       | <10mL              | 87psi         | 1L3630 | 100u     |
| 13mm | 0.45µm    | no            | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | <10µL       | <10mL              | 87psi         | 1L3640 | 100u     |
| 25mm | 0.20µm    | no            | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3650 | 100u     |
|      |           |               |           |           |               |                     |             |                    |               | 1L3651 | 500u     |
| 25mm | 0.20µm    | yes 1.0µm GF  | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3660 | 100u     |
| 25mm | 0.45µm    | no            | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3670 | 100u     |
|      |           |               |           |           |               |                     |             |                    |               | 1L3671 | 500u     |
| 25mm | 0.45µm    | yes 1.0µm GF  | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | 1L3680 | 100u     |
| 30   | 0.20µm    | no            | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100        | <120               | 87            | BOCUK0 | 100 u    |
|      |           |               |           |           |               |                     |             |                    |               | BOCUK1 | 500 u    |
| 30   | 0.20µm    | yes 1.0 µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100        | <120               | 87            | BOCULO | 100 u    |
| 30   | 0.45µm    | no            | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100        | <120               | 87            | BOCUM0 | 100 u    |
|      |           |               |           |           |               |                     |             |                    |               | BOCUM1 | 500 u    |
| 30   | 0.45µm    | yes 1.0 µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100        | <120               | 87            | BOCUN0 | 100 u    |



# REGENERATED CELLULOSE



# RC

| Ø    | Pore Size | Prefilter    | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|--------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 13mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | T38090 | 100u     |
| 13mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 0.92cm <sup>2</sup> | < 10µL      | < 10mL             | 87psi         | T38080 | 100u     |
| 25mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | T38110 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | T38111 | 500u     |
| 25mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | U54650 | 100u     |
| 25mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | T38100 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | T38101 | 500u     |
| 25mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 2.98cm <sup>2</sup> | <100µL      | <100mL             | 87psi         | U54660 | 100u     |
| 30mm | 0.20µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUO0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCUO1 | 500u     |
| 30mm | 0.20µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUPO | 100u     |
| 30mm | 0.45µm    | no           | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUQ0 | 100u     |
|      |           |              |           |           |               |                     |             |                    |               | BOCUQ1 | 500u     |
| 30mm | 0.45µm    | yes 1.0µm GF | Luer-Lock | Luer slip | Polypropylene | 4.9cm <sup>2</sup>  | <100µL      | <120mL             | 87psi         | BOCUR0 | 100u     |



# UPTIDISC™ Ø 4MM



## Cellulose Acetate

| Ø   | Pore Size | Prefilter | Inlet     | Outlet    | Housing       | Filtration Area      | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|-----|-----------|-----------|-----------|-----------|---------------|----------------------|-------------|--------------------|---------------|--------|----------|
| 4mm | 0.20µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00600 | 100u     |
| 4mm | 0.45µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00610 | 100u     |

## Nylon

| Ø   | Pore Size | Prefilter | Inlet     | Outlet    | Housing       | Filtration Area      | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|-----|-----------|-----------|-----------|-----------|---------------|----------------------|-------------|--------------------|---------------|--------|----------|
| 4mm | 0.20µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00620 | 100u     |
| 4mm | 0.45µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00630 | 100u     |

## PP hydrophobe

| Ø   | Pore Size | Prefilter | Inlet     | Outlet    | Housing       | Filtration Area      | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|-----|-----------|-----------|-----------|-----------|---------------|----------------------|-------------|--------------------|---------------|--------|----------|
| 4mm | 0.20µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00640 | 100u     |
| 4mm | 0.45µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00650 | 100u     |

## PTFE

| Ø   | Pore Size | Prefilter | Inlet     | Outlet    | Housing       | Filtration Area      | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|-----|-----------|-----------|-----------|-----------|---------------|----------------------|-------------|--------------------|---------------|--------|----------|
| 4mm | 0.20µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00660 | 100u     |
| 4mm | 0.45µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00670 | 100u     |

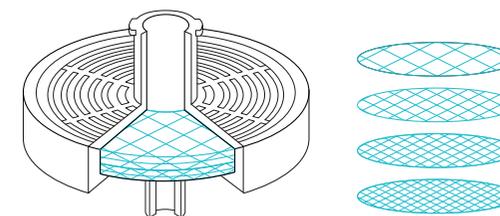
## PVDF

| Ø   | Pore Size | Prefilter | Inlet     | Outlet    | Housing       | Filtration Area      | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|-----|-----------|-----------|-----------|-----------|---------------|----------------------|-------------|--------------------|---------------|--------|----------|
| 4mm | 0.20µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00680 | 100u     |
| 4mm | 0.45µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | P00690 | 100u     |

## RC

| Ø   | Pore Size | Prefilter | Inlet     | Outlet    | Housing       | Filtration Area      | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|-----|-----------|-----------|-----------|-----------|---------------|----------------------|-------------|--------------------|---------------|--------|----------|
| 4mm | 0.20µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | T38070 | 100u     |
| 4mm | 0.45µm    | yes       | Luer-Lock | Luer slip | Polypropylene | 0.125cm <sup>2</sup> | < 1µL       | < 5mL              | 75psi         | T38060 | 100u     |

# UPTIDISC™ GFX



## ◆◆ GFX Nylon

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3060 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3070 | 100u     |

## ◆◆ GFX PTFE (HYDROPHOBIC)

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3080 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3090 | 100u     |

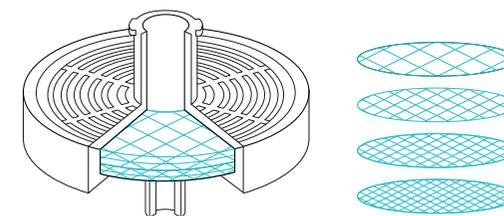
## ◆◆ GFX PTFE PHILIC (HYDROPHILIC)

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3100 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3110 | 100u     |

## ◆◆ GFX PVDF

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3120 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3130 | 100u     |

# UPTIDISC™ GFX



## ◆◆ GFX CA

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3140 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3150 | 100u     |

## ◆◆ GFX PP

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3670 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3680 | 100u     |

## ◆◆ GFX RC

| Ø    | Pore Size | Prefilter         | Inlet     | Outlet    | Housing       | Filtration Area     | Dead Volume | Max. sample Volume | Max. Pressure | P/N    | Quantity |
|------|-----------|-------------------|-----------|-----------|---------------|---------------------|-------------|--------------------|---------------|--------|----------|
| 25mm | 0.20µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3690 | 100u     |
| 25mm | 0.45µm    | yes, multi-layers | Luer-Lock | Luer slip | Polypropylene | 4.08cm <sup>2</sup> | < 400µL     | < 100mL            | 75psi         | 1A3700 | 100u     |



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