

## qpore Membrane Filters, neoLab®



qpore CME membrane filters consist of cellulose acetate and cellulose nitrate. Being biologically inert, they are suitable for a wide range of applications: sterile filtration, bioassays, clear filtration, particle analysis in liquids and in air.

### Sterile, with grid, MCE

These CME membrane filter have a high-contrast grid. The grid lines are spaced at 3.1 mm and do not affect colony growth. Sterile, packaged individually.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60030 | 100           |
| 0.45            | 47      | 10 01 60031 | 100           |
| 0.8             | 47      | 10 01 60032 | 100           |
| 0.22            | 50      | 10 01 60033 | 100           |
| 0.45            | 50      | 10 01 60034 | 100           |

### Non-sterile, without grid, MCE

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 25      | 10 01 60026 | 200           |
| 0.22            | 47      | 10 01 60027 | 200           |
| 0.45            | 25      | 10 01 60028 | 200           |
| 0.45            | 47      | 10 01 60029 | 200           |

### Non-sterile, CA

The hydrophilic qpore membrane filters made of pure cellulose acetate CA belong to the group of filters with very low binding properties. These filters enable high filtration quantities and thus reduce the need for filter changes. CA membrane filters are ideally suited for the filtration of proteins and enzymes, sterile filtration of cell culture media and other applications, i.e. wherever the preservation of the original protein composition and concentration is important.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60082 | 200           |
| 0.45            | 47      | 10 01 60083 | 200           |

### Non-sterile, PTFE, hydrophobe

The hydrophilic qpore membrane filters made of polytetrafluoroethylene PTFE are ideally suited for the filtration of dipolar media where high chemical resistance is required. PTFE membranes are biologically and chemically inert and have high flow rates.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60084 | 200           |
| 0.45            | 47      | 10 01 60085 | 200           |

### Non-sterile, PTFE, hydrophile

The hydrophilic qpore membrane filters made of polytetrafluoroethylene PTFE are ideally suited for the filtration of dipolar media where high chemical resistance is required. PTFE membranes are biologically and chemically inert and have high flow rates.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60086 | 200           |
| 0.45            | 47      | 10 01 60087 | 200           |

### Non-sterile, PVDF, hydrophobe

The hydrophobic qpore membrane filters made of polyvinylidene fluoride PVDF bind far less protein than membrane filters made of nylon, PTFE or mixed cellulose ester. They have a very high flow rate compared to other membrane materials. Due to their low protein and active substance binding properties, PVDF membrane filters are ideally suited for filtration in life sciences. These membrane filters are also excellently suited for the filtration of air and other gases.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60088 | 200           |
| 0.45            | 47      | 10 01 60089 | 200           |



#### Non-sterile, PVDF, hydrophile

The hydrophilic q pore membrane filters made of polyvinylidene fluoride PVDF bind far less protein than membrane filters made of nylon, PTFE or mixed cellulose ester. They have a very high flow rate compared to other membrane materials. Due to their low protein and active substance binding properties, PVDF membrane filters are ideally suited for filtration in life sciences. These membrane filters are also excellently suited for the filtration of air and other gases.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60090 | 200           |
| 0.45            | 47      | 10 01 60091 | 200           |

#### Non-sterile, Nylon

The hydrophilic q pore pure nylon membrane filters on carrier material are designed to be uniformly wetted and retain their tear strength when used in general filtration or medical examinations, eliminating the need for wetting agents that could be extracted when filtering aqueous solutions. Nylon membrane filters are flexible, durable and tear resistant and can be autoclaved at 135°C.

The high-quality nylon membrane filters are suitable for filtering aqueous solutions and most organic solvents. Nylon membrane filters are suitable for a variety of biological samples and can be used where other membranes are unsuitable or difficult to use.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60094 | 200           |
| 0.45            | 47      | 10 01 60095 | 200           |

#### Non-sterile, PES

The hydrophilic q pore membrane filters made of pure polyethersulfone PES have the highest flow rate compared to other membrane materials due to their asymmetric pore structure. Due to their low protein binding and drug binding properties, PES membrane filters are ideally suited for filtration in the life science sector. Due to their high thermal stability, PES membrane filters can also be used to filter hot liquids.

| Pore size<br>µm | Ø<br>mm | Order No.   | PU<br>pc/Pack |
|-----------------|---------|-------------|---------------|
| 0.22            | 47      | 10 01 60096 | 200           |
| 0.45            | 47      | 10 01 60097 | 200           |

