

# Technoweb™ Filtropro (Microfiltration)

## Advantages

- » Superior flux rates compared to traditional membranes
- » Very narrow pore size distribution
  - Available pore size ranging from 0.2 micron to 3 micron
- » Unique physical and mechanical performance

## Applications

- » Food & Beverage
- » Wastewater treatment
- » Micro-electronics
- » Biopharmaceutical

| Finetex Grade        | Material         | Basic Weight     |                         | Thickness          |      | Air Permeability @ 125 Pa |                       | Pore Size micron |      |
|----------------------|------------------|------------------|-------------------------|--------------------|------|---------------------------|-----------------------|------------------|------|
|                      |                  | g/m <sup>2</sup> | lbs/3000ft <sup>2</sup> | μm                 | mm   | cfm                       | l/m <sup>2</sup> /sec | Mean             | Max  |
| <b>Membrane Type</b> |                  |                  |                         |                    |      |                           |                       |                  |      |
| F10400               | PU               | 7                | 4.3                     | 12                 | -    | 0.30                      | 1.5                   | 0.35             | 0.66 |
| F20400               | Hydrophilic PU   | 8                | 4.9                     | 11                 | -    | 0.59                      | 3.0                   | 0.45             | 0.73 |
| F40200               | Hydrophilic PVDF | 4                | 2.5                     | 5                  | -    | 0.54                      | 2.8                   | 0.20             | 0.29 |
| F50200               | PVDF             | 4                | 2.5                     | 4                  | -    | 0.50                      | 2.5                   | 0.20             | 0.27 |
| <b>Coating Type</b>  |                  |                  |                         |                    |      |                           |                       |                  |      |
| F20703A              | Hydrophilic PU   | 30               | 18.4                    | -                  | 0.10 | 3.5                       | 17.7                  | 0.7              | 1.5  |
| F21003A              | Hydrophilic PU   | 30               | 18.4                    | -                  | 0.10 | 11.0                      | 55.8                  | 1.0              | 7.0  |
| F23003A              | Hydrophilic PU   | 30               | 18.4                    | -                  | 0.10 | 17.0                      | 86.2                  | 3.0              | 5.0  |
| F30703A              | PES              | 30               | 18.4                    | -                  | 0.07 | 5.0                       | 25.4                  | 0.7              | 1.5  |
| F31003A              | PES              | 30               | 18.4                    | -                  | 0.07 | 11.0                      | 55.8                  | 1.0              | 1.6  |
| F33003A              | PES              | 30               | 18.4                    | -                  | 0.07 | 32.0                      | 162.2                 | 3.0              | 8.0  |
| F40803A              | Hydrophilic PVDF | 30               | 18.4                    | -                  | 0.10 | 15.0                      | 76.1                  | 0.8              | 3.0  |
| F43003A              | Hydrophilic PVDF | 30               | 18.4                    | -                  | 0.10 | 36.0                      | 182.5                 | 3.0              | 10.0 |
| F51003A              | PVDF             | 30               | 18.4                    | -                  | 0.10 | 12.0                      | 60.8                  | 1.0              | 1.5  |
| F50712N              | PVDF             | 120              | 73.7                    | -                  | 0.24 | 3.5                       | 17.7                  | 0.7              | 3.0  |
| F51012N              | PVDF             | 120              | 73.7                    | -                  | 0.24 | 7.0                       | 35.5                  | 1.0              | 4.0  |
| F53012N              | PVDF             | 120              | 73.7                    | -                  | 0.24 | 12.0                      | 60.8                  | 3.0              | 6.0  |
| F60203A              | NYLON            | 30               | 18.4                    | -                  | 0.10 | 0.7                       | 3.5                   | 0.2              | 0.3  |
| F60203K              | NYLON            | 30               | 18.4                    | -                  | 0.15 | 1.1                       | 5.6                   | 0.2              | 0.3  |
| F60207K              | NYLON            | 70               | 43.0                    | -                  | 0.34 | 1.1                       | 5.6                   | 0.2              | 0.3  |
| <b>Test Method</b>   |                  | BS ISO 536       |                         | ISO 534<br>BS 3983 |      | ASTM D737-96<br>(Frazier) |                       | ASTM F316-03     |      |

Test methods are conformed to International Standard Methods.

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