

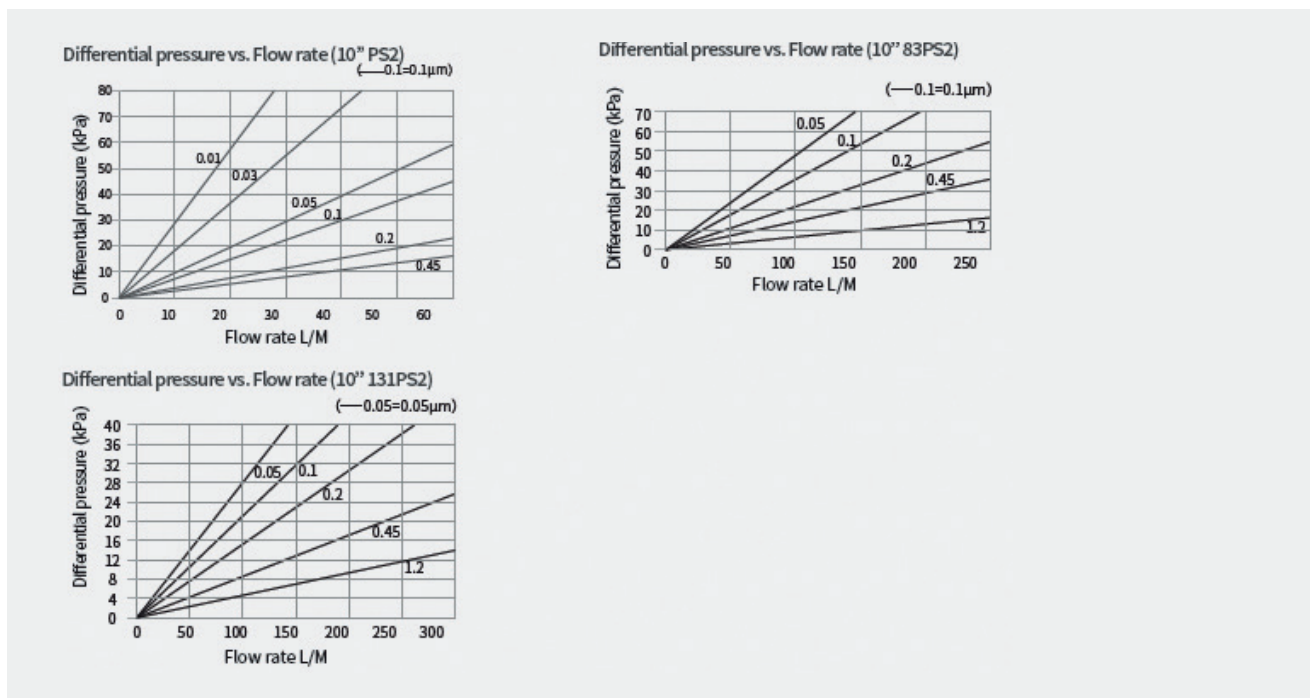
PES membrane filter

PS2 (Ø69, Ø83, Ø131) series filters utilize asymmetric PES membrane, which feature graded interception, high contamination holding capacity and long service life. The unique structure of PS2 ensures lower replacement frequency and reduce total cost. Each filter is 100% integrity tested.

| ITEM | SPECIFICATIONS |
|--------------------|---------------------------------------|
| Filter Code | PS2 |
| Filter Media | Asymmetric PES |
| Support | PP |
| Endcaps/Cage/Core | PP |
| Max. Working Temp. | 90°C |
| Max. Operating DP | Forward 0.42 Mpa, Reverse 0.21 Mpa |



PES membrane filter



Ordering Information

| Code | Removal Rating | Adaptor | Length | Sealing | |
|-----------------|----------------|--------------------|-----------------------|-------------|-------------|
| ESPRO-12-PS2 | 005 | 2F | 05 | T | |
| ESPRO-12-PS2 | 001 | 0.01 μm | OD DOE | 05 5" | E EPDM |
| | 003 | 0.03 μm | 2F 222Spear | 10 10" | V Viton |
| | 005 | 0.05 μm | 2C 222Flat | 20 20" | S Silicone |
| | 010 | 0.10 μm | 6F 226Spear | 30 30" | T FEP/Viton |
| | 022 | 0.22 μm | 6C 226Flat | 40 40" | |
| | 045 | 0.45 μm | 2EC 222Flat with lock | | |
| | 100 | 1.00 μm | | | |
| ESPRO-12-83PS2 | 2C | 222Flat | 08 8" | E EPDM | |
| | 6C | 226Flat | 10 10" | T FEP/Viton | |
| | 2EC | 222Flat with lock | | | |
| ESPRO-12-131PS2 | 4C | 334Flat | 10 10" | E EPDM | |
| | 2EC | 222Flat with lock | | T FEP/Viton | |

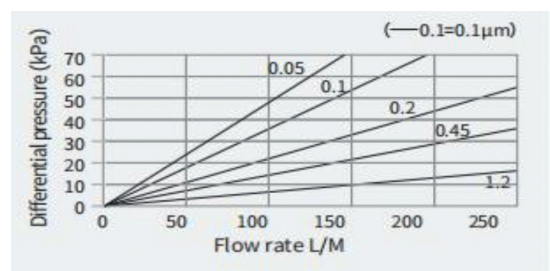


PS2 & PALL Water-Fine Series comparison

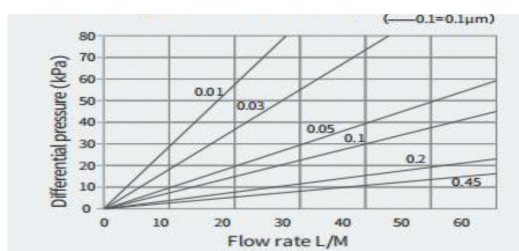
| COMPARISON TABLE | | | |
|-------------------------------|---------------|---|---|
| Brand | | PALL | esPRO® BY DEEFINE |
| Series | | Water-Fine Series | PS2 Series |
| Model No. | | WFN | PS2 |
| Type | | Cartridge filter | Cartridge filter |
| Pore size | | 0.05 µm / 0.1 µm / 0.2 µm / 0.45 µm / 0.65 µm / 0.8 µm / 1.2 µm | 0.05 µm / 0.1 µm / 0.2 µm / 0.45 µm / 0.65 µm / 0.8 µm / 1.2 µm |
| Material | Filter medium | Highly asymmetric polysulfone | Asymmetric PES |
| | Media support | PP | PP |
| | Core & Cage | PP | PP |
| | O-ring | Silicone, EPDM, Viton, Nitrile, FEP | Silicone, EPDM, Viton, Nitrile, FEP |
| Connections | Diameter | 66 mm | 69 / 83 / 131 mm |
| | Endcaps | 222Flat/Fin, 226Flat/Fin, DOE | 222Flat/Fin, 226Flat/Fin, DOE |
| | Length | 4/10/20/30/40 inch | 4/10/20/30/40 inch |
| Filtration area | | / | / |
| Filtration efficiency | | As shown in the figure | |
| Differential pressure | | / | / |
| Maximum Operating Temperature | | 95°C | 90°C |



Differential pressure vs. Flow rate (10"83PS2)



Differential pressure vs. Flow rate (10"PS2)



Differential pressure vs. Flow rate (10"131PS2)

