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Filtros de cápsula de PTFE

Código: N/D  
Marca: STERLITECH  
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Detalle

Filtros de cápsula de PTFE

Los filtros de cápsula de PTFE hidrófobos requieren prehumedecimiento con alcohol antes de la filtración en solución acuosa.

Las cápsulas de filtro de PTFE Sterlitech son membranas de PTFE hidrófobas de alta retención. Filtros especialmente diseñados para aplicaciones críticas. La membrana de PTFE, fabricada íntegramente en polipropileno, ofrece una excelente compatibilidad química y un flujo superior por superficie, en comparación con otras cápsulas de membrana. No se utilizan adhesivos, aglutinantes ni surfactantes en el proceso de fabricación, y todos los cartuchos se enjuagan con agua de alta pureza para reducir los extraíbles y el tiempo de inactividad. La membrana hidrofóbica de PTFE es ideal para productos químicos agresivos como ácidos, bases y disolventes. Además, proporciona características superiores de flujo y caída de presión por superficie para aplicaciones de filtración de gases y ventilación de tanques. Todas las cápsulas filtrantes se someten a pruebas de integridad al 100 % para garantizar su rendimiento en cada uso. Las cápsulas filtrantes de PTFE Sterlitech son ideales para aplicaciones críticas que requieren un flujo superior y una eficiencia de eliminación de partículas de 0,1, 0,2, 0,45 y 1,0 micras.

Especificaciones técnicas

Todos bajo pedido por ahora. Filtra por poro, tamaño o pack para elegir el SKU.

| Especificación                  | 0.1 µm · 9 cm (3.5 in) mm · 1470161                                         | 0.1 µm · 9 cm (3.5 in) mm · 1470162                                         | 0.2 µm · 9 cm (3.5 in) mm · 1470169                                         | 0.2 µm · 9 cm (3.5 in) mm · 1470276                                         | 0.2 µm · 9 cm (3.5 in) mm · 1470174                                         | 0.2 µm · 9 cm (3.5 in) mm · 1470176                                         | 0.2 µm · 9 cm (3.5 in) mm · 1470170                                         | 0.2 µm · 9 cm (3.5 in) mm · 1470168                                         | 0.2 µm · 9 cm (3.5 in) mm · C150TC APTFEG 020                               | 0.2 µm · 9 cm (3.5 in) mm · C150TC APTFEG G020                              | 0.2 µm · 9 cm (3.5 in) mm · C300TC APTFEG G020                              | 0.2 µm · 9 cm (3.5 in) mm · C807CA PTFEG02 0                                | 0.2 µm · 9 cm (3.5 in) mm · C807CA PTFESG0 20                               | 0.22 µm · 9 cm (3.5 in) mm · 1470178                                        | 0.45 µm · 9 cm (3.5 in) mm · 1470178                                        | 0.45 µm · 9 cm (3.5 in) mm · 1470179                                        | 0.45 µm · 9 cm (3.5 in) mm · 1470184                                        |
|---------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Tamaño de poro                  | 0.1                                                                         | 0.1                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.2                                                                         | 0.22                                                                        | 0.45                                                                        | 0.45                                                                        | 0.45                                                                        |
| Area de filtracion (sqft)       | 3                                                                           | 3                                                                           | 0.8                                                                         | 0.8                                                                         | 3                                                                           | 5.9                                                                         | 0.8                                                                         | 0.8                                                                         | 1.08                                                                        | 1.08                                                                        | 2.15                                                                        | 0.54                                                                        | 0.54                                                                        | 8.18                                                                        | 0.8                                                                         | 3                                                                           | 5.9                                                                         |
| Largo (in)                      | 9.1                                                                         | 7.6                                                                         | 3.5                                                                         | 4.7                                                                         | 8.8                                                                         | 12.8                                                                        | 4.3                                                                         | 3.7                                                                         | 2.5                                                                         | 2.5                                                                         | 5                                                                           | 1.5                                                                         | 1.5                                                                         | 10                                                                          | 3.5                                                                         | 7.6                                                                         | 12.8                                                                        |
| Membrana                        | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            | Hydrophobic PTFE                                                            |
| Soporte de membrana             | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    | Polypropylene Microfiber                                                    |
| Carcasa                         | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               |
| Jaula, nucleo y tapas           | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               | Polypropylene                                                               |
| Conexiones                      | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb | 1/4" Barb, 1.5" Sanitary Flange, 1/2" NPTM, 1/4" Barb, 1/4" NPTM, 3/8" Barb |
| Diámetro                        | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               | 9 cm (3.5 in)                                                               |
| Presion                         | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    | 5.5 bar (80 psi) @ 21°C (70°F) in Liquid, 3.8 bar (55 psi) @ 21°C (70°F)    |
| Temperatura maxima de operacion | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            | 43°C (110°F) at 2.1 bar (30 psi)                                            |
| Autoclave                       | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          | Up to 5 Cycles. 30 minutes @ 121°C                                          |

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