

POLYESTER MELT-BLOWN CARTRIDGE

FCE series



Feature-Tec's FCE polyester meltblown filter cartridges provides filtration characteristics that are more consistent than melt-blown polypropylene filter cartridges. They are suitable for applications with higher temperatures and perfect for petrochemical solvent filtration.

Applications

- Acid solutions
- Paints
- Inks
- Resins
- Petrochemicals
- Solvents
- Food and beverages
- Edible oil and many more

Features and benefits

- Excellent chemical and thermal compatibility
- No binders or additives
- High void volume provides low differential pressure and excellent dirt holding capacity
- Excellent for applications with temperatures up to 120 °C

- Graded density for maximum dirt holding capacity
- Available in a wide variety of adapter/end cap configurations

Filter specifications

Material

Polyester melt-blown

Inner core

Polyester

O-rings / Gaskets

Buna N, Silicone, EPDM, Viton

Retention ratings

1, 5, 10, 25, 50, 75, 100 µm

Dimensions / Parameters

Nominal lengths

10", 20", 30", 40"
(254, 508, 762, 1016 mm)

Outside diameter

2,48" (63 mm)

Inside diameter

1.1" (28 mm)

Maximum operating temperature

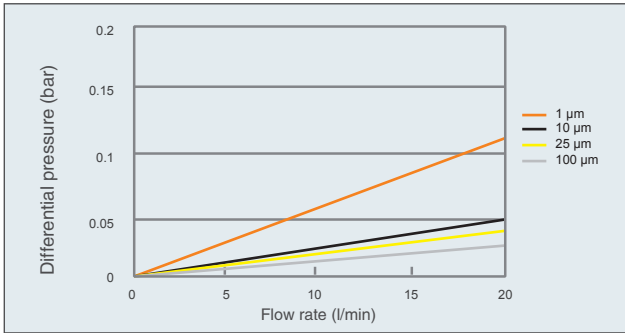
120 °C (248 °F)

Max. differential pressure drop for disposal

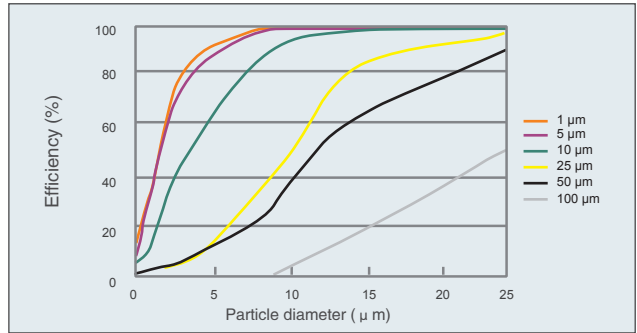
4.12 bar @ 21 °C (59.7 psid @ 70 °F)

■ FCE Filter Cartridge Range

FCE Flow Rate (10" length)*



FCE Filter Efficiency



* For fluids with a dynamic viscosity of 1 mPa·s @ 20 °C

Ordering information

Nominal lengths

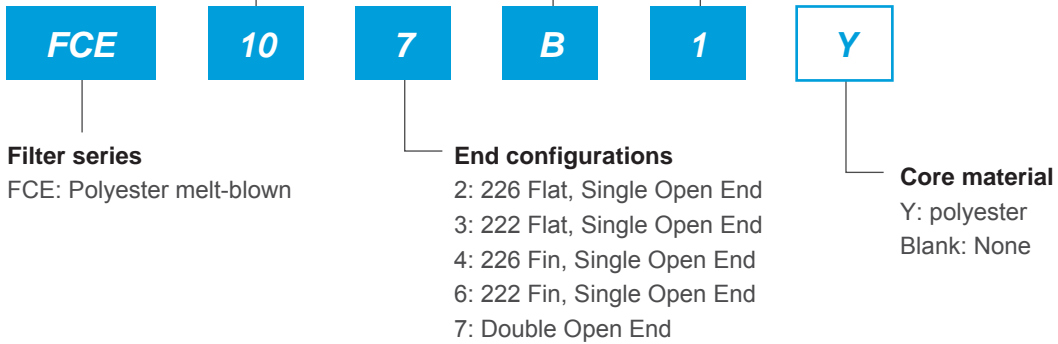
- 10: 10" (254 mm)
- 20: 20" (508 mm)
- 30: 30" (762 mm)
- 40: 40" (1016 mm)

O-rings / Gaskets

- B: Buna N
- S: Silicone
- E: EPDM
- V: Viton
- U: None

Retention ratings

- 1: 1 µm
- 5: 5 µm
- 10: 10 µm
- 25: 25µm
- 50: 50 µm
- 75: 75 µm
- 100: 100 µm



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