

Trinzik™ HCE Dilute Acid and Base Filters

Improve chemical cleanliness using high-flow dilute acid, and base filtration

Trinzik™ HCE filters are designed for high-flow dilute acid, and base filtration in semiconductor, data storage/hard disk drive, and flat panel display applications. Compared to conventional filter media, the advanced membrane design provides increased flow rate performance while enabling a high level of particle and contaminant protection.

APPLICATIONS

- High-throughput filtration and packaging systems
- High-turnover, recirculating filtration systems
- Ultrapure electronic-grade, dilute acids and bases

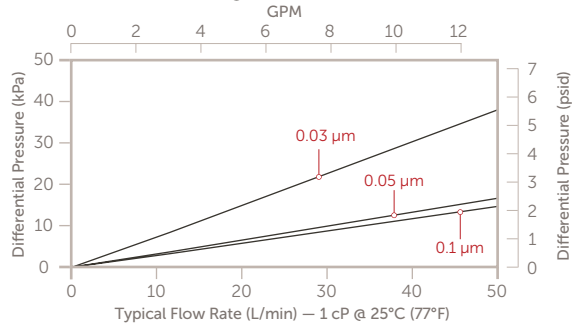
FEATURES & BENEFITS

High-porosity, hydrophilic PTFE membrane	Enables high flow rate performance and reduces operational costs
Small pore size membrane design	Advanced particle removal increases yield
Polypropylene (PP) construction	Lower extractables ensure clean filtration operations

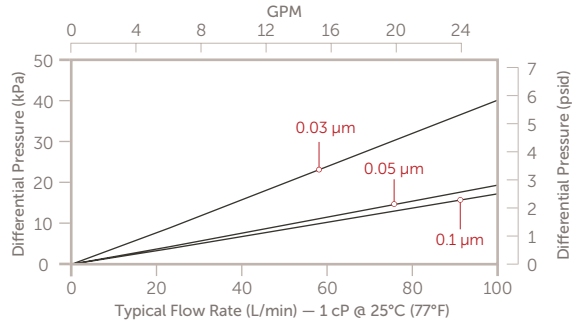


PERFORMANCE DATA

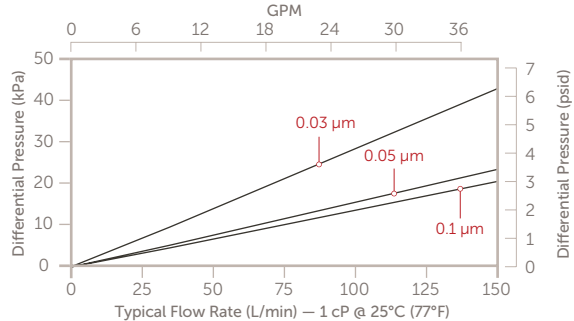
Trinzik HCE 10" Cartridge Filters



Trinzik HCE 20" Cartridge Filters



Trinzik HCE 30" Cartridge Filters

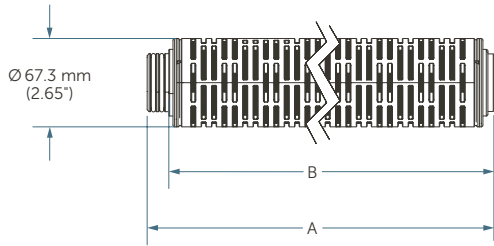


SPECIFICATIONS

Materials of construction	Membrane	Hydrophilic PTFE
	Supports, core, sleeve	Polypropylene (PP)
	O-ring	Encapsulated FKM (E-FKM), encapsulated silicone (E-SIL), FKM, EPR
Retention rating	0.03 µm, 0.05 µm, 0.1 µm	
Cartridge connections	Code 0 (222 Flat), Code 5 (222 Fin), Code 6 (226 Flat), Code 7 (226 Fin)	
Maximum operating conditions	Maximum forward differential pressure: 5.5 bar (80 psid) @ 25°C (77°F) 2.1 bar (30 psid) @ 60°C (140°F) Maximum reverse differential pressure: 3.4 bar (50 psid) @ 25°C (77°F) Maximum temperature: 60°C (140°F)	
Dimensions	Length	10", 20", 30"
	Diameter	69 mm (2.7")

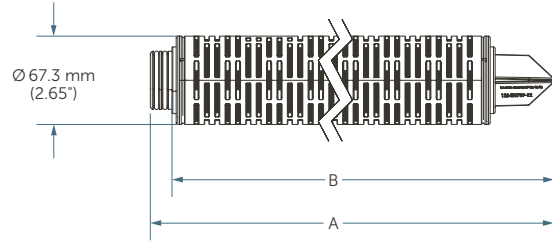
DIMENSIONS

Code 0 - 222 Flat



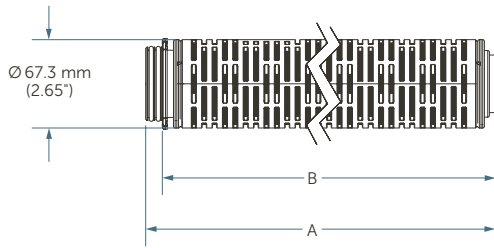
Length	A	B
10"	274.3 mm (10.8")	257.8 mm (10.2")
20"	520.7 mm (20.5")	504.2 mm (19.9")
30"	764.5 mm (30.1")	748 mm (29.5")

Code 5 - 222 Fin



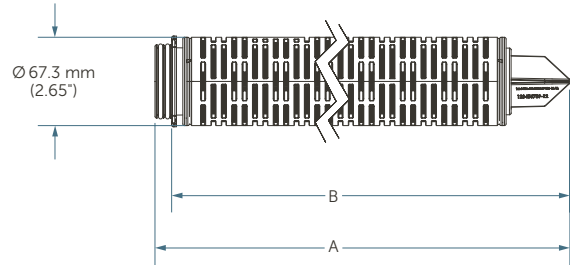
Length	A	B
10"	315 mm (12.4")	298.5 mm (11.8")
20"	561.3 mm (22.1")	544.8 mm (21.5")
30"	805.2 mm (31.7")	788.7 mm (31.1")

Code 6 - 226 Flat



Length	A	B
10"	276.9 mm (10.9")	265.4 mm (10.5")
20"	523.2 mm (20.6")	511.9 mm (20.2")
30"	767.1 mm (30.2")	755.7 mm (29.8")

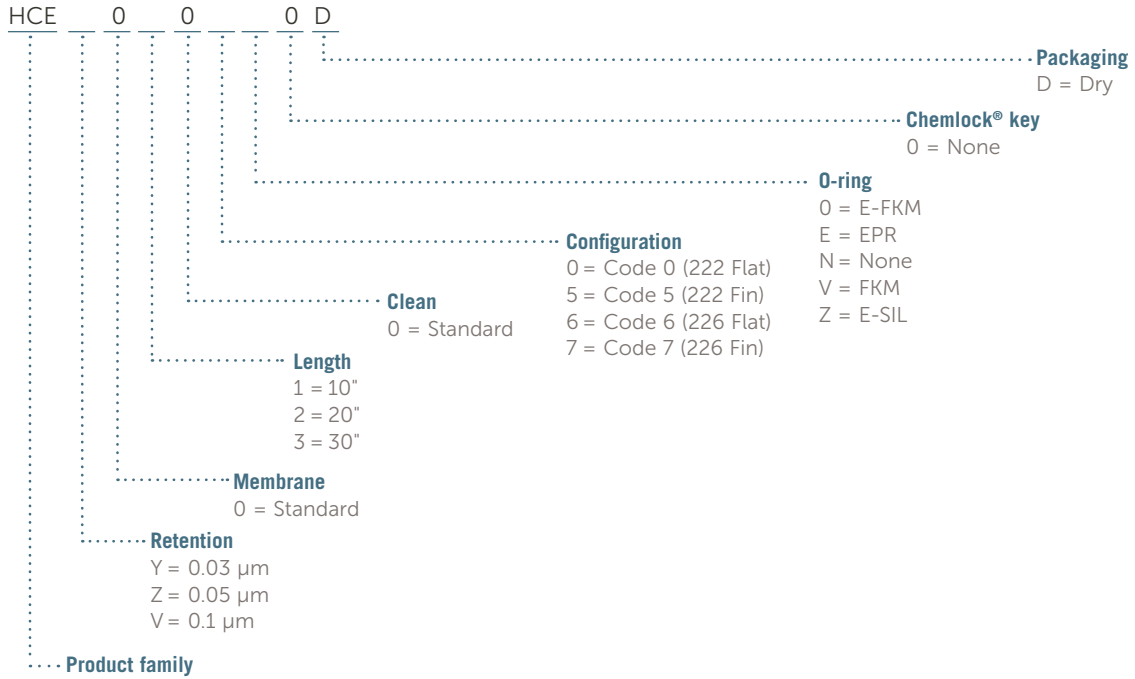
Code 7 - 226 Fin



Length	A	B
10"	316.5 mm (12.5")	306.1 mm (12.1")
20"	562.9 mm (22.2")	552.5 mm (21.8")
30"	806.7 mm (31.8")	796.3 mm (31.4")

ORDERING INFORMATION

Trinzik HCE Dilute Acid and Base Filters: part number



FOR MORE INFORMATION

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