

# 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

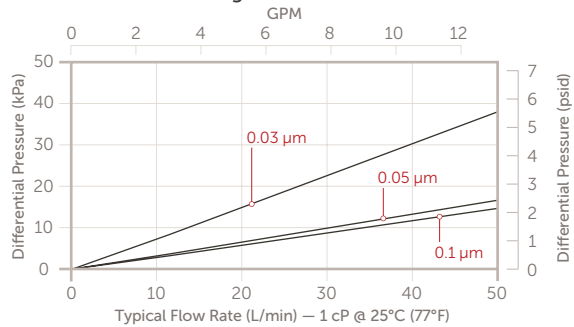
## FEATURES & BENEFITS

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

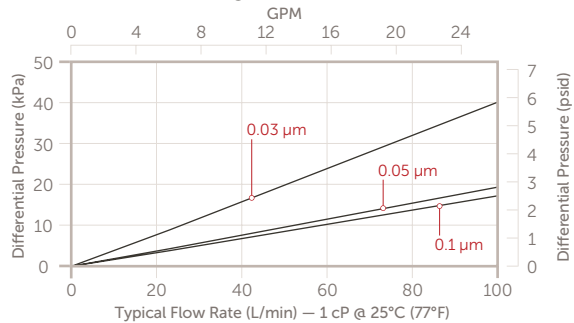


## PERFORMANCE DATA

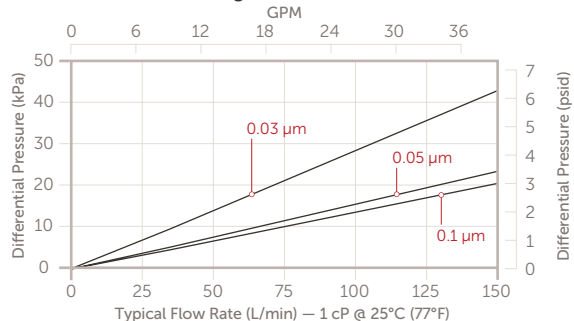
Trinzik HCE 10" Cartridge Filters



Trinzik HCE 20" Cartridge Filters



Trinzik HCE 30" Cartridge Filters



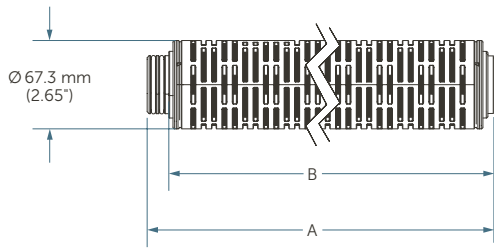
## SPECIFICATIONS

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<b>Materials of construction</b>	Membrane	Hydrophilic PTFE
	Supports, core, sleeve	Polypropylene (PP)
	O-ring	Encapsulated FKM (E-FKM), encapsulated silicone (E-SIL), FKM, EPR
<b>Retention rating</b>	0.03 µm, 0.05 µm, 0.1 µm	
<b>Cartridge connections</b>	Code 0 (222 Flat), Code 5 (222 Fin), Code 6 (226 Flat), Code 7 (226 Fin)	
<b>Maximum operating conditions</b>	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)	
<b>Dimensions</b>	Length	10", 20", 30"
	Diameter	69 mm (2.7")

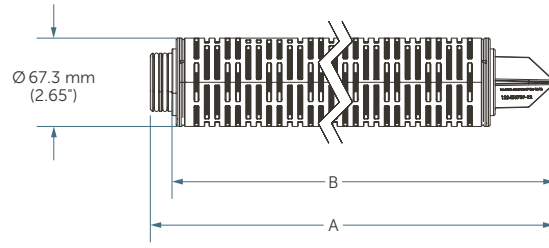
## DIMENSIONS

Code 0 - 222 Flat



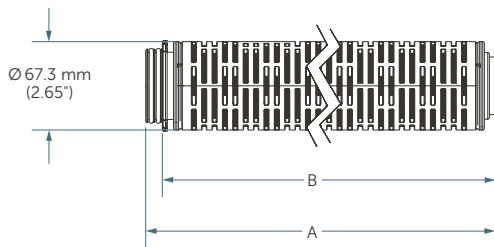
Length	A	B
10"	276.1 mm (10.9")	257.8 mm (10.2")
20"	522.5 mm (20.6")	504.2 mm (19.9")
30"	766.3 mm (30.2")	748 mm (29.5")

Code 5 - 222 Fin



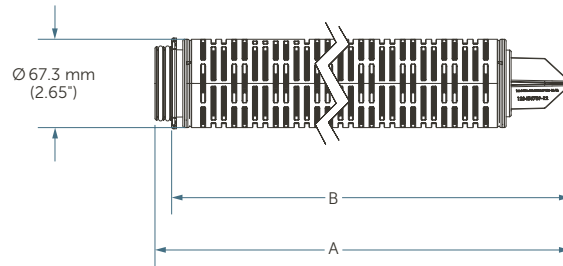
Length	A	B
10"	315 mm (12.4")	298.5 mm (11.8")
20"	561.3 mm (22.1")	544.8 mm (21.5")
30"	805.2 mm (31.7")	788.7 mm (31.1")

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")

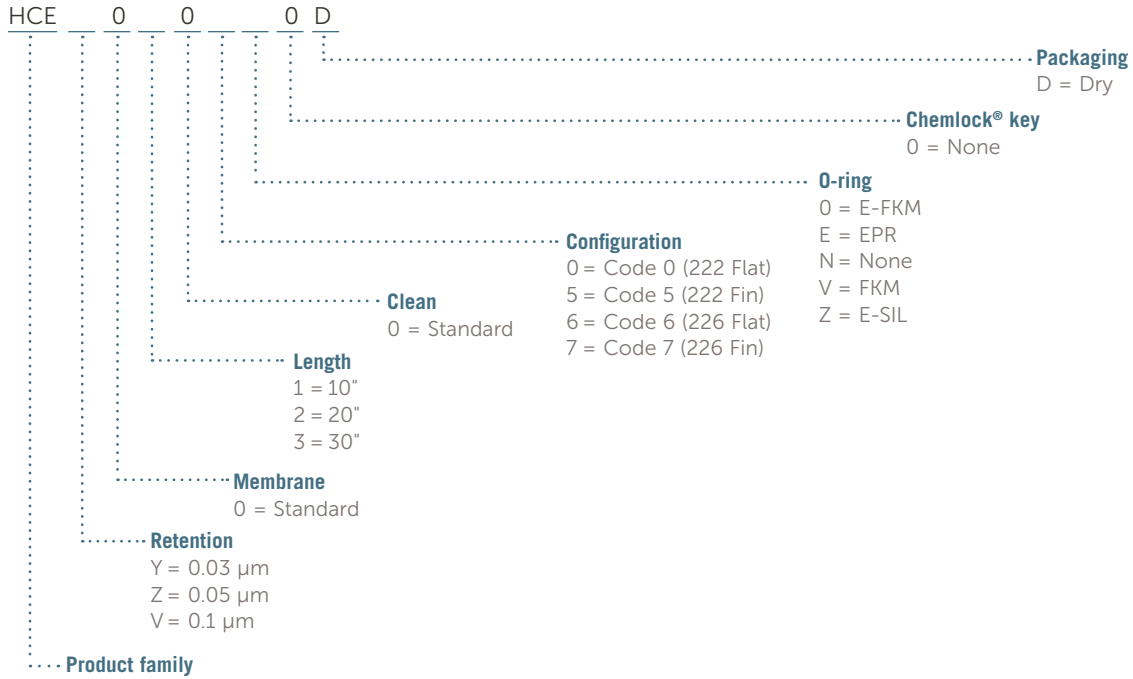
Code 7 - 226 Fin



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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