

# Trinzik™ UPW Ultrapure Water Filters

*Reduce defect-causing impurities  
using high-performance, ultrapure  
and DI water filtration*

Trinzik™ UPW filters are designed for high-performance filtration of bulk ultrapure and deionized (DI) water in facilities and point-of-tool applications. These reliable filters provide excellent retention of defect-causing contaminants, and are suited for water filtration in semiconductor, hard disk drive manufacturing, flat panel display (LCD, LED, OLED, AMOLED, plasma), and solar/photovoltaic industries.



## APPLICATIONS

- Make-up loops
- Polish loops
- Resin trap and general process tool water
- Low cost-of-ownership alternative to ultrafiltration (UF)
- Advanced UF guard filters

## FEATURES & BENEFITS

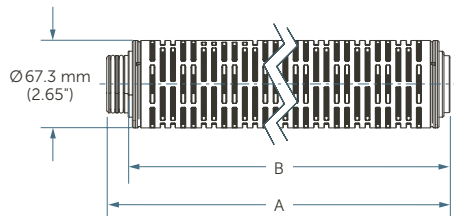
<b>High-porosity, hydrophilic PTFE membrane</b>	Enables high flow rate performance and reduces operational costs
<b>Small pore size membrane design</b>	Advanced particle removal increases yield
<b>Polypropylene (PP) construction</b>	Lower extractables ensure clean filtration operations

## SPECIFICATIONS

<b>Materials of construction</b>	Membrane	Hydrophilic PTFE
	Supports, core, sleeve	Polypropylene (PP)
	O-ring	E-FKM, silicone, EPDM, FKM
<b>Retention rating</b>	15 nm, 20 nm, 0.1 µm, 0.1 µm DI	
<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>	<p>Maximum forward differential pressure:  5.5 bar (80 psid) @ 25°C (77°F)  1.7 bar (25 psid) @ 80°C (176°F)</p> <p>Maximum reverse differential pressure:  3.4 bar (50 psid) @ 25°C (77°F)</p> <p>Maximum temperature:  80°C (176°F)</p>	
<b>Dimensions</b>	Length	10", 20", 30", 40"
	Diameter	69 mm (2.7")

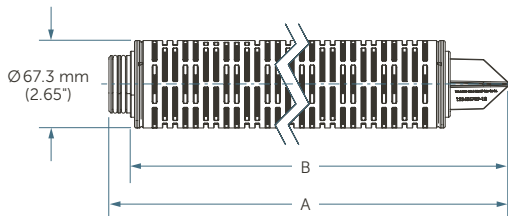
## DIMENSIONS

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")
40"	1012.8 mm (39.9")	994.4 mm (39.2")

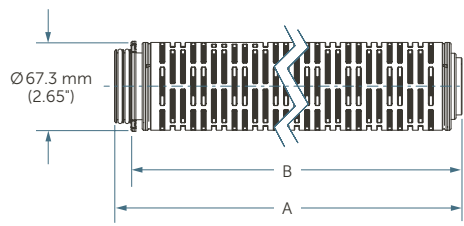
Code 5 - 222 Fin



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")
40"	1051.6 mm (41.4")	1035 mm (40.8")

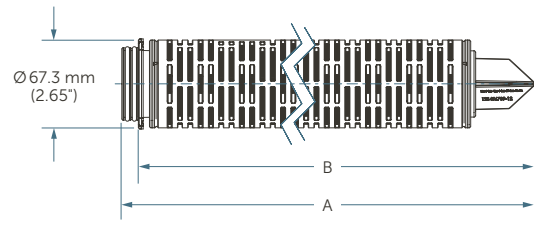
## DIMENSIONS (CONTINUED)

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")
40"	1013.5 mm (39.9")	1002 mm (39.5")

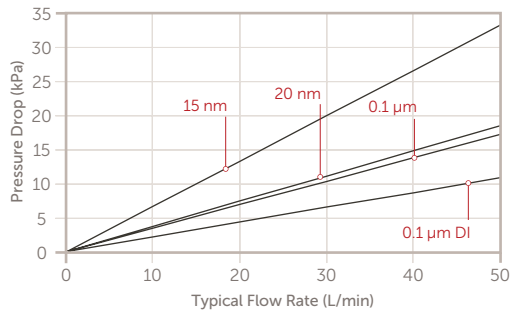
Code 7 - 226 Fin



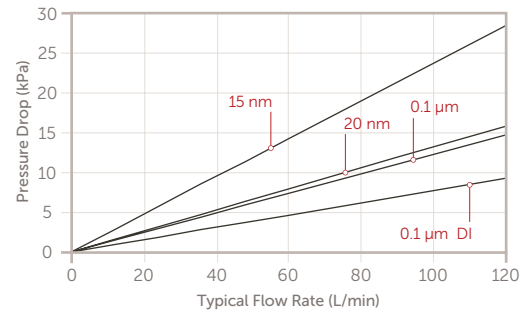
Length	A	B
10"	316.5 mm (12.5")	306.1 mm (12.1")
20"	562.9 mm (22.2")	552.5 mm (21.8")
30"	806.7 mm (31.8")	796.3 mm (31.4")
40"	1053 mm (41.5")	1042.7 mm (41.1")

## PERFORMANCE DATA

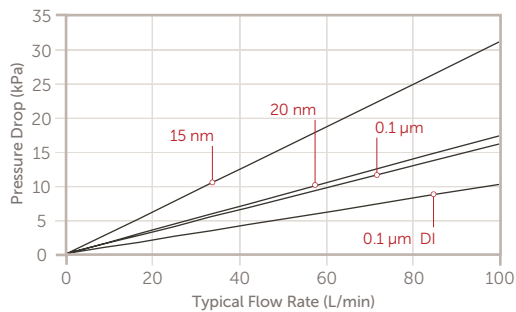
Trinzik UPW 10" Cartridges



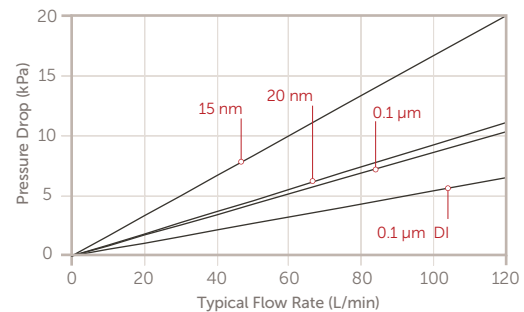
Trinzik UPW 30" Cartridges



Trinzik UPW 20" Cartridges

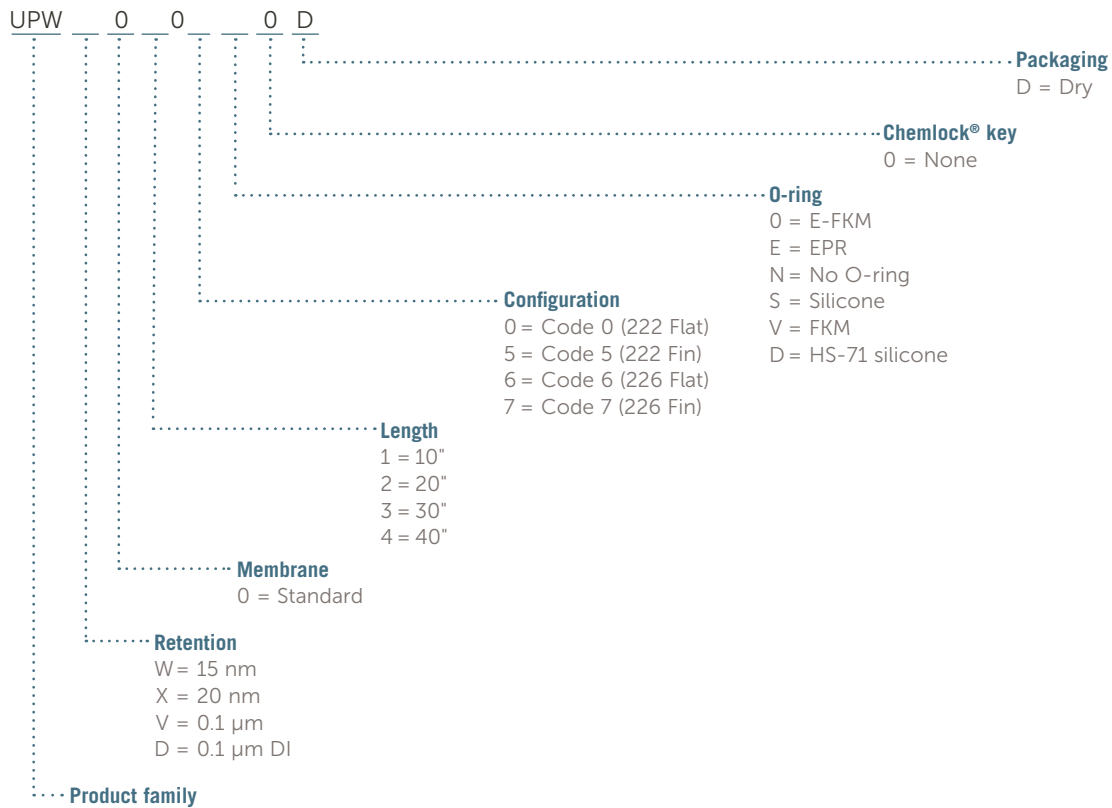


Trinzik UPW 40" Cartridges



## ORDERING INFORMATION

Trinzik UPW Ultrapure Water Filters: part number



## FOR MORE INFORMATION

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### Corporate Headquarters

129 Concord Road  
Billerica, MA 01821  
USA

### Customer Service

Tel +1 952 556 4181  
Fax +1 952 556 8022  
Toll Free 800 394 4083

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