

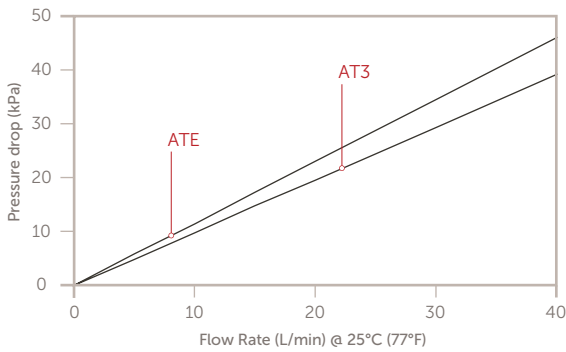
Torrento[®] X Series Filters with 2 nm Retention

*Advanced POU filtration that meets
N3 and N5 customer requirements
for lowest on-wafer particle counts*

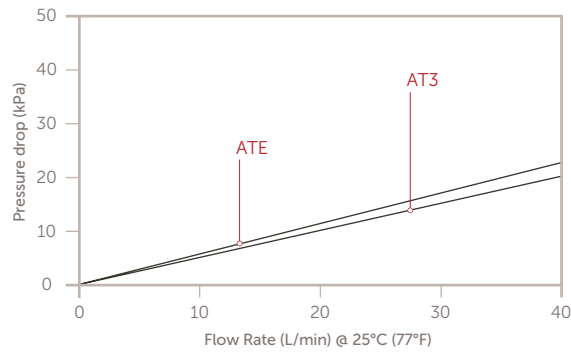


PERFORMANCE DATA

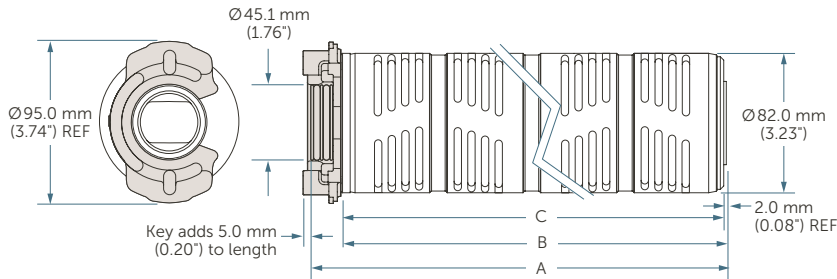
Torrento X 2 nm 10" Cartridge Filters
Pressure Drop vs Flow Rate, DI Water



Torrento X 2 nm 20" Cartridge Filters
Pressure Drop vs Flow Rate, DI Water



DIMENSIONS



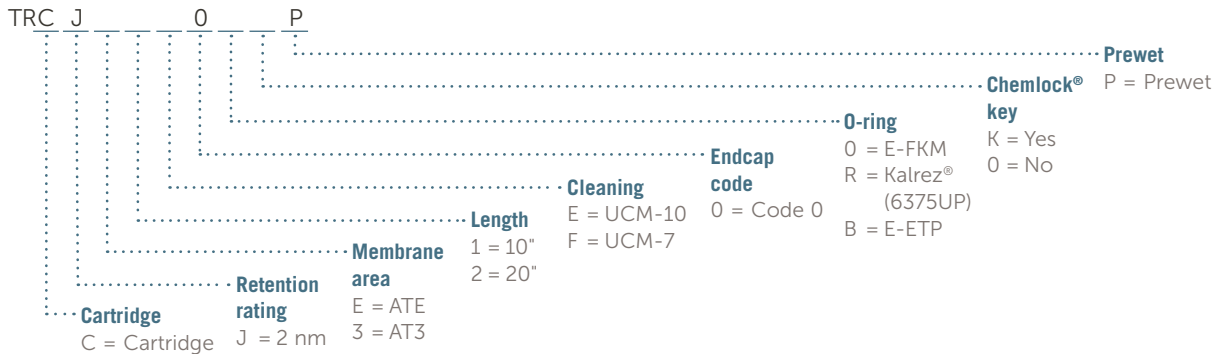
Length	A (overall)	B (control)	C (shoulder)
10"	244.0 mm (9.61")	227.0 mm (8.94")	225.0 mm (8.86")
20"	471.0 mm (18.54")	454.0 mm (17.87")	452.0 mm (17.80")

SPECIFICATIONS

Materials	Membrane	Prewet, nondewetting PTFE
	Supports, shell	PFA
Retention rating	2 nm	
Surface area	10" cartridge, 10" disposable	2 m ² (21 ft ²)
	20" cartridge	4 m ² (43 ft ²)
Maximum operating conditions	Maximum operating pressure: 0.58 MPa (5.8 bar; 84.1 psid) @ 25°C (77°F) 0.097 MPa (0.97 bar; 14.1 psid) @ 200°C (392°F) Maximum forward differential pressure: 0.44 MPa (4.4 bar; 63.8 psid) @ 25°C (77°F) 0.05 MPa (0.5 bar; 7.3 psid) @ 200°C (392°F) Maximum operating temperature: 200°C (392°F)	
Clean	UCM-10, UCM-7	Metallic extractables, NVR

ORDERING INFORMATION

Toronto X 2 nm Series Cartridge Filters: part number



FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the [Contact Us](#) link to find the customer service center nearest you.

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