

Protego® Plus HT and HTX Purifiers

APPLICATIONS

Cartridges

- Bulk DI water applications
- Point-of tool purification

Disposables

- Point-of-use
- Lab scale

FEATURES & BENEFITS

sample09

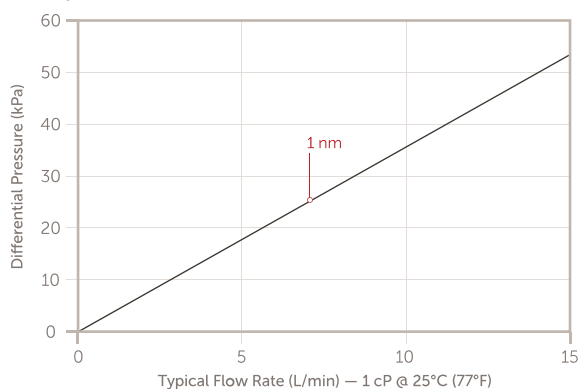


SPECIFICATIONS

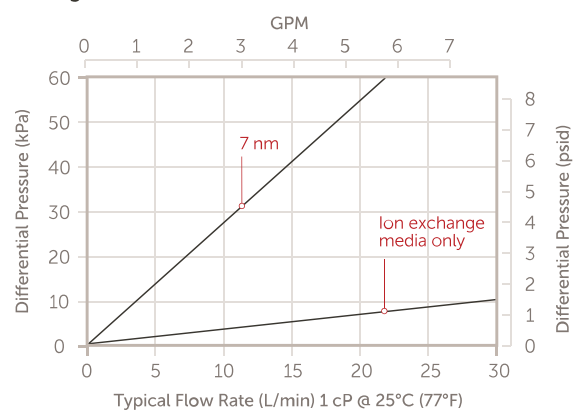
Materials	Membrane	7 nm: Hydrophilic polysulfone
		1 nm: Non dewetting polysulfone
	Ion exchange media	Polyethylene
	Supports, core, sleeve, end caps	Polypropylene
	O-rings	Encapsulated fluoropolymer (E-FKM) or Kalrez® 6375 UP
	Chemlock® Key	Polypropylene
Connections	Cartridges	Code 0 (2-222 O-rings)
		Code 7 (2-226 O-rings/spear) for 30" HT
Operating conditions	Maximum inlet pressure	0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F)
	Maximum forward differential pressure	0.27 MPa (2.7 bar, 40 psid) @ 25°C (77°F)
		0.05 MPa (0.5 bar, 7 psid) @ 80°C (176°F)
	Maximum reverse differential pressure	0.27 MPa (2.7 bar, 40 psid) @ 25°C (77°F)
	Maximum operating temperature	80°C (176°F) at the above conditions
Membrane surface area	10" cartridge	HT: 0.52 m² (5.60 ft²)
		HTX: 0.93 m² (10.01 ft²)
	20" cartridge	HT: 1.04 m² (11.19 ft²)
		HTX: 1.67 m² (17.98 ft²)
	30" cartridge	HT: 1.56 m² (16.79 ft²)
Ion exchange capacity	10" cartridge	HT: ≥74 meq/unit
		HTX: ≥110 meq/unit
	20" cartridge	HT: ≥148 meq/unit
		HTX: ≥220 meq/unit
	30" cartridge	HT: ≥222 meq/unit

PERFORMANCE DATA

Protego Plus HTX 10" Purifier

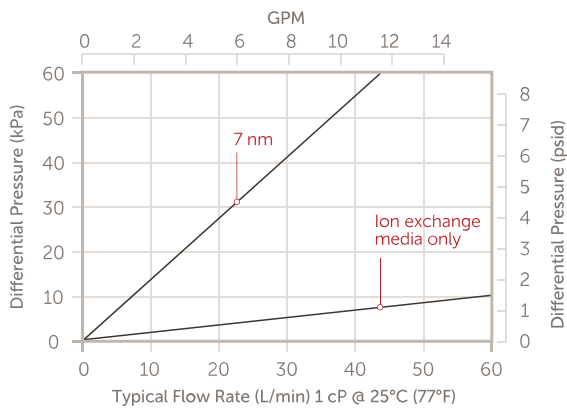


Protego Plus HTX 10" Filters

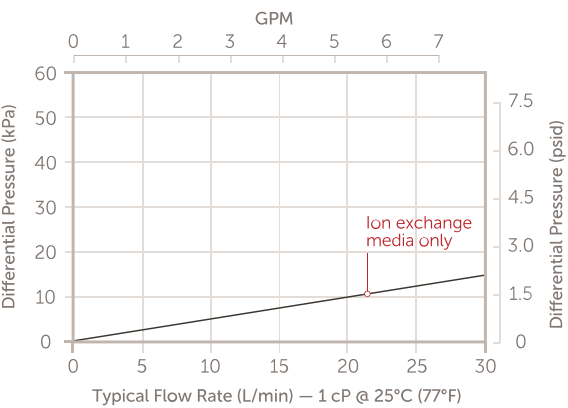


PERFORMANCE DATA

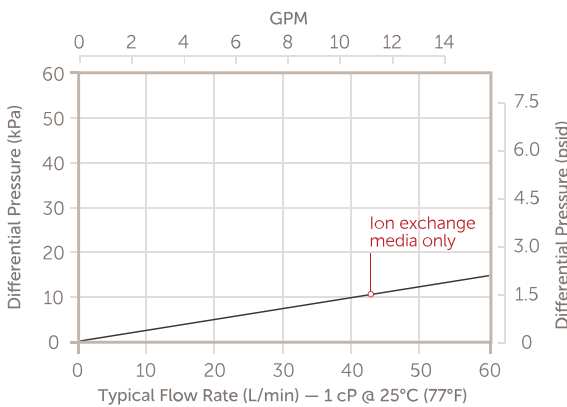
Protego Plus HTX 20" Filters



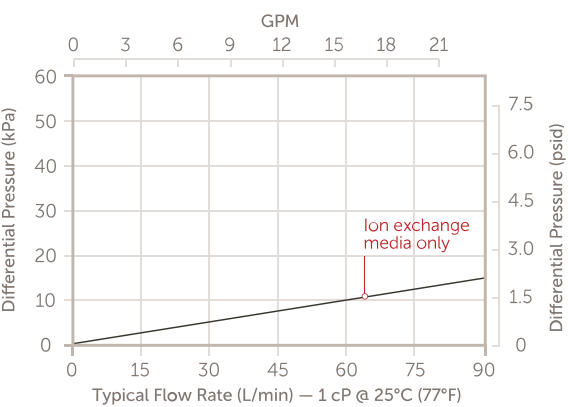
Protego Plus HT 10" Filters



Protego Plus HT 20" Filters

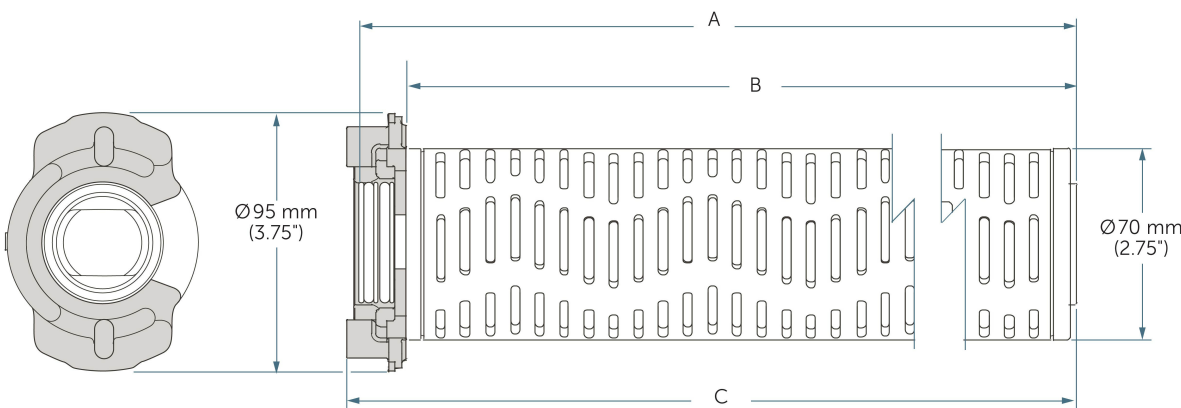


Protego Plus HT 30" Filters



DRAWINGS

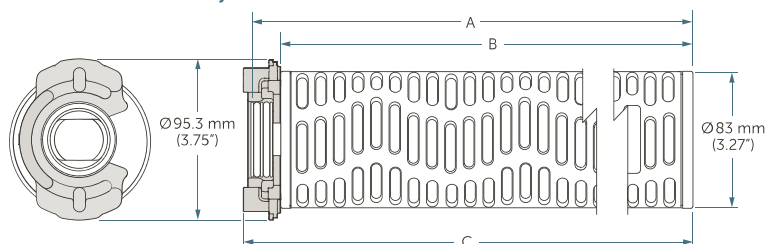
Code 0 – End View with Chemlock Key on Cartridge



DRAWINGS

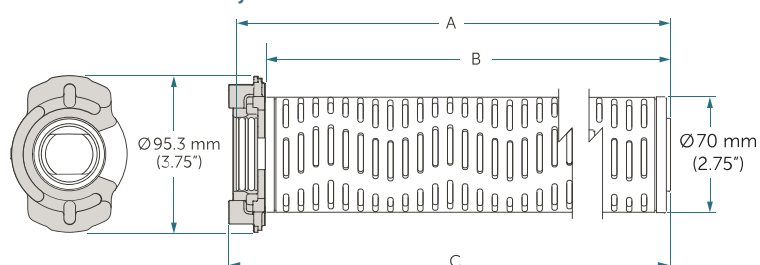
HTX 10" and 20" Cartridges

Code 0 – with Chemlock Key



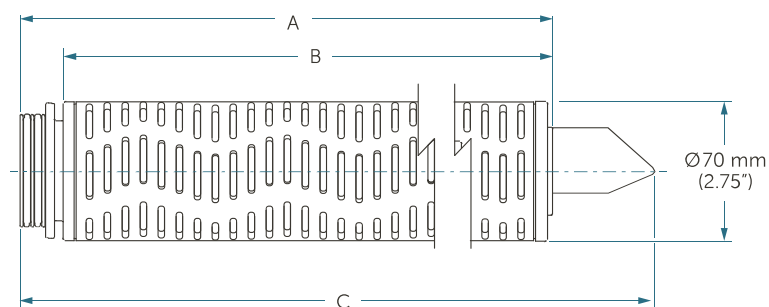
HT 10" and 20" Cartridges

Code 0 – with Chemlock Key



HT 30" Cartridge

Code 7



ORDERING INFORMATION

PART NUMBER	RETENTION RATING	CONNECTION	LENGTH	O-RING	CHEMLOCK® KEY	PURIFICATION CAPACITY
PRH001PLQ	Ion exchange media only	Code 0	10"	E-FKM	No	74 meq/unit
PRH001PLQY	Ion exchange media only	Code 0	10"	E-FKM	Yes	74 meq/unit
PRH001PQ1	Ion exchange media only	Code 0	10"	E-FKM	No	110 meq/unit
PRH001PQ1Y	Ion exchange media only	Code 0	10"	E-FKM	Yes	110 meq/unit
PRH002PLQ	Ion exchange media only	Code 0	20"	E-FKM	No	148 meq/unit

ORDERING INFORMATION

PART NUMBER	RETENTION RATING	CONNECTION	LENGTH	O-RING	CHEMLOCK® KEY	PURIFICATION CAPACITY
PRH002PLQY	Ion exchange media only	Code 0	20"	E-FKM	Yes	148 meq/unit
PRH002PQ1	Ion exchange media only	Code 0	20"	E-FKM	No	220 meq/unit
PRH002PQ1Y	Ion exchange media only	Code 0	20"	E-FKM	Yes	220 meq/unit
PRHE01PPROT	1 nm	Code 0	10"	Perfrez® PXC Ultra	No	110 meq/unit
PRHE01PPRYT	1 nm	Code 0	10"	Perfrez® PXC Ultra	Yes	110 meq/unit
PRHE01PQ10T	1 nm	Code 0	10"	E-FKM	No	110 meq/unit
PRHE01PQ1YT	1 nm	Code 0	10"	E-FKM	Yes	110 meq/unit
PRHM01PQ1	7 nm	Code 0	10"	E-FKM	No	110 meq/unit
PRHM01PQ1Y	7 nm	Code 0	10"	E-FKM	Yes	110 meq/unit
PRHM01PR1	7 nm	Code 0	10"	Kalrez® 6375	No	110 meq/unit

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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