



## MICROGARD™ LE NYLON CARTRIDGE FILTERS

*Hydrophilic polyamide filters with superior cleanliness,  
ideal for aqueous and organic solutions*

### Overview

Microgard™ LE nylon cartridge filters, constructed of nylon 6 membranes, are mechanically very strong and have high retention capabilities due to their nonsieving retention capabilities. The hydrophilic properties provide them with excellent wettability that makes them suitable for aqueous and organic solutions.

### Features and Benefits

- Available in 10 nm and 20 nm retention
  - Ensures filters meet the needs of today's leading edge technology and enable low defectivity in advance chemicals
- Unique nylon membrane design that enables both optimum retention and maximum flow
  - At two times the performance of existing nylon filters, the improved flow rate eliminates the risks previously associated with using tighter nylon filtration. Twice as thick as standard nylon membranes, it enables improved gel retention performance at a 10 nm pore size, for market-leading contamination control
- Proprietary cleaning technology
  - More sophisticated resists require cleaner materials; Entegris' proprietary cleaning technology insures the lowest levels of organic, metal extractables and particle shedding to eliminate potential sources of contamination
- Hydrophilic nylon 6 membrane
  - Eliminates prewetting, reducing chemical usage while reducing system downtime during filter changeouts

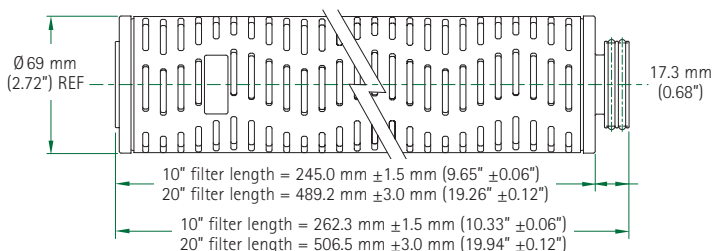


### Specifications

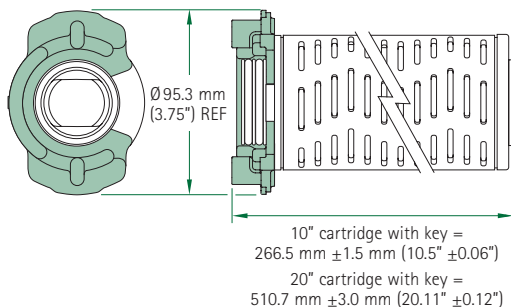
Materials:	Membrane	Polyamide (nylon 6)
	Supports, core and sleeve	High-density polyethylene (HDPE)
	O-rings	Teflon® fluoropolymer encapsulated Viton® fluoroelastomer (TEV)
Membrane area:	10"	7000 cm <sup>2</sup> or 7.5 ft <sup>2</sup>
	20"	14,000 cm <sup>2</sup> or 15.1 ft <sup>2</sup>
Maximum operating conditions:	Maximum forward differential pressure	0.28 MPa (2.8 bar) @ 25°C (77°F)
	Maximum temperature	50°C (122°F)

# Dimensions

Code 0



End View Chemlock® Key on Cartridge



## Ordering Information

Part Number	Description	Length
CWNT01PST	10 nm	10"
CWNT02PST	10 nm	20"
CWNX01PST	20 nm	10"
CWNX02PST	20 nm	20"

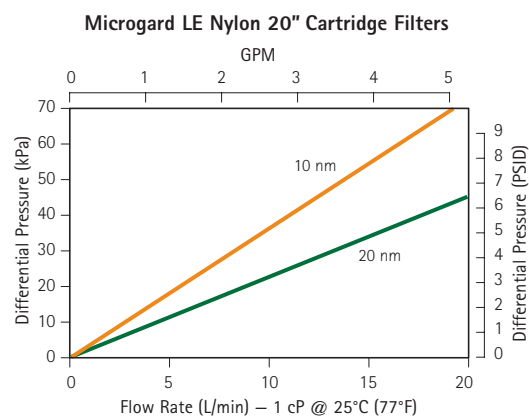
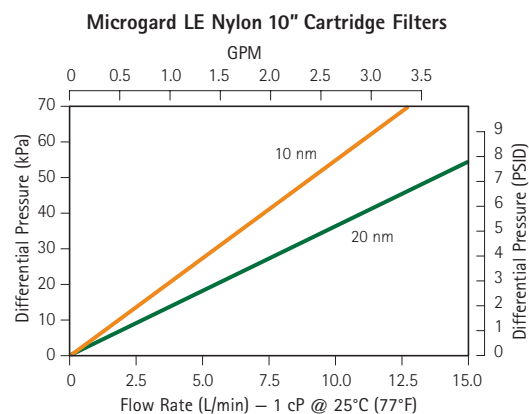
## For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [www.entegris.com](http://www.entegris.com) and select the "Customer Service" link for the center nearest you.

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## Performance Data



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