

PERFORMANCE PLUS POLYESTER CARTRIDGES

HIGH FLOW PERFORMANCE, LOWER OPERATION COST

Best selling and most versatile cartridge

FEATURES

- Fewer cartridges for fewer change outs and lower maintenance cost
- Pleated Polyester filter media provides higher flow rates and lower initial pressure drop
- Pleated surface area provides higher loading capacity for longer filter life and increased particle removal
- End cap, center tube and media are thermally bonded as one integral component for added strength
- Offered in three sizes (10, 20, 30) and eight micron ratings (.35, 1, 5, 10, 20, 50, 100 and 150) to meet high flow requirements
- Made in U.S.A.

FITS

- Fits LAKOS models LP, LQ, and CFH Housings



Performance Plus
Polyester Cartridges

APPLICATIONS

Industrial Coolant Filtration
Reverse Osmosis Pre-filtration
Municipal Drinking
Water Filtration

Commercial/Residential
Drinking Water Filtration
Desalination Pre-filtration
Industrial Water Filtration

Cooling Tower Filtration
Chill Water Loop Filtration
Food & Beverage Filtration
Marine / Aquatic Filtration

Boiler Make-up Water
(HT250 models only)
Hot Water Loops
(HT250 models only)

PERFORMANCE PLUS POLYESTER CARTRIDGES

CARTRIDGE SELECTION/SIZING GUIDE

Performance Plus Polyester Cartridges – rated up to 140°F (60°C).

Cartridge Length	PRODUCT CODE	Nominal Micron Rating	Media (sq ft)	Rec. Flow Rate* (GPM)	Max. Flow Rate* (GPM)	Max. Flow Rate* (LPM)	Max. Flow Rate* (M ³ /HR)	No./ Carton	Carton Size
9 5/8"	LC-PE-10-0.35	0.35	40	35	50	189	12	1	9x9x11
	LC-PE-10-1	1	40	35	50	189	12	1	9x9x11
	LC-PE-10-5	5	40	35	50	189	12	1	9x9x11
	LC-PE-10-10	10	40	35	50	189	12	1	9x9x11
	LC-PE-10-20	20	40	35	50	189	12	1	9x9x11
	LC-PE-10-50	50	40	35	50	189	12	1	9x9x11
	LC-PE-10-100	100	40	35	50	189	12	1	9x9x11
	LC-PE-10-150	150	40	35	50	189	12	1	9x9x11
19 1/2"	LC-PE-20-0.35	0.35	90	70	100	378	24	1	9x9x21
	LC-PE-20-1	1	90	70	100	378	24	1	9x9x21
	LC-PE-20-5	5	90	70	100	378	24	1	9x9x21
	LC-PE-20-10	10	90	70	100	378	24	1	9x9x21
	LC-PE-20-20	20	90	70	100	378	24	1	9x9x21
	LC-PE-20-50	50	90	70	100	378	24	1	9x9x21
	LC-PE-20-100	100	90	70	100	378	24	1	9x9x21
	LC-PE-20-150	150	90	70	100	378	24	1	9x9x21
30 3/4"	LC-PE-30-0.35	0.35	170	105	150	568	36	1	9x9x32
	LC-PE-30-1	1	170	105	150	568	36	1	9x9x32
	LC-PE-30-5	5	170	105	150	568	36	1	9x9x32
	LC-PE-30-10	10	170	105	150	568	36	1	9x9x32
	LC-PE-30-20	20	170	105	150	568	36	1	9x9x32
	LC-PE-30-50	50	170	105	150	568	36	1	9x9x32
	LC-PE-30-100	100	170	105	150	568	36	1	9x9x32
	LC-PE-30-150	150	170	105	150	568	36	1	9x9x32

* Lakos recommends operation at 70% of maximum flow rate for optimum performance.

Performance Plus Polyester Cartridges – rated up to 250°F (121°C)

Cartridge Length	PRODUCT CODE	Nominal Micron Rating	Media (sq ft)	Rec. Flow Rate* (GPM)	Max. Flow Rate* (GPM)	Max. Flow Rate* (LPM)	Max. Flow Rate* (M ³ /HR)	No./ Carton	Carton Size
9 5/8"	LC-PE-10-5/HT250	5	40	35	50	189	12	1	9x9x11
	LC-PE-10-10/HT250	10	40	35	50	189	12	1	9x9x11
	LC-PE-10-20/HT250	20	40	35	50	189	12	1	9x9x11
	LC-PE-10-50/HT250	50	40	35	50	189	12	1	9x9x11
19 1/2"	LC-PE-20-5/HT250	5	90	70	100	378	24	1	9x9x21
	LC-PE-20-10/HT250	10	90	70	100	378	24	1	9x9x21
	LC-PE-20-20/HT250	20	90	70	100	378	24	1	9x9x21
	LC-PE-20-50/HT250	50	90	70	100	378	24	1	9x9x21
30 3/4"	LC-PE-30-5/HT250	5	170	105	150	568	36	1	9x9x32
	LC-PE-30-10/HT250	10	170	105	150	568	36	1	9x9x32
	LC-PE-30-20/HT250	20	170	105	150	568	36	1	9x9x32
	LC-PE-30-50/HT250	50	170	105	150	568	36	1	9x9x32

* Lakos recommends operation at 70% of maximum flow rate for optimum performance.

High Temp model is NOT NSF Certified.

Note: This publication is to be used as a guide. The data within has been obtained from many sources and is considered to be accurate. Lakos does not assume liability for the accuracy and/or completeness of this data. Changes to the data can be made without notification. Temperature, Pressure, Flow Rates, Differential Pressures, Chemical Combinations and other unknown factors can affect performance in unknown ways. Limited Warranty: Lakos warrants their products to be free of material and workmanship defects. Determination of suitability of Lakos products for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. The end user/installer/buyer shall be liable for the product's performance and suitability regarding their specific intended applications. End users should perform their own tests to determine suitability for each application.

SPECIFICATIONS

Micron Ratings: Nominal micron ratings of .35, 1, 5, 10, 20, 50, 100, 150

Filter Media: nominal pleated Polyester

End Caps: Pliable PVC with sealing surface built-in (or Powder-Coated Metal with model suffix HT250)

Center Tubes: ABS or PVC (or Powder-Coated Metal with model suffix HT250)

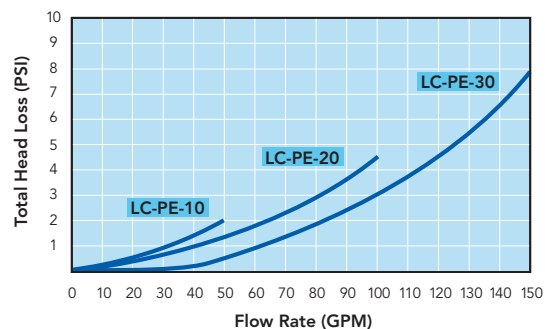
Temperature: 140°F (60°C) temperature limit [up to 250°F (121°C) w/model suffix HT250]**

** Temperature limits vary and depend on pressure and time under load.

LAKOS warrants its line of Performance Plus Filters to be free of defects in material and workmanship for a period of one year from the date of installation. See lakos.com/warranty for more information.

PRESSURE DROP

Pressure drop is for filter housing and 20 micron filter cartridge in clean water.



*The following cartridges are not NSF-61 Approved: High temperature (250° F) models, LC-PE-10-.35, LC-PE-10-1, LC-PE-20-.35, LC-PE-20-1