

PLPPC Series: 3 in 1 Polypropylene & Activated Carbon cartridges



PLPPC series



PLEPC series

PLPPC-SERIES cartridges has been designed primarily for use in removing organics and particulate contaminates from plating, acid, alkaline, and hydrocarbon carbon solutions. The pre-filtering outer shell is a strong polypropylene filter (5~8mm) or polyethylene with polypropylene end caps. There are 200g±10g of activated granular coconut carbon per 10" length, providing an extended life of up to 60% over the cartridges. The liquid flows from the outside of the cartridges through the carbon granules, removing organics, and finally through the inner polypropylene core which is surrounded by melt-blow layer fine micro fibers which again filter the solution and assure no carbon bleed-off.

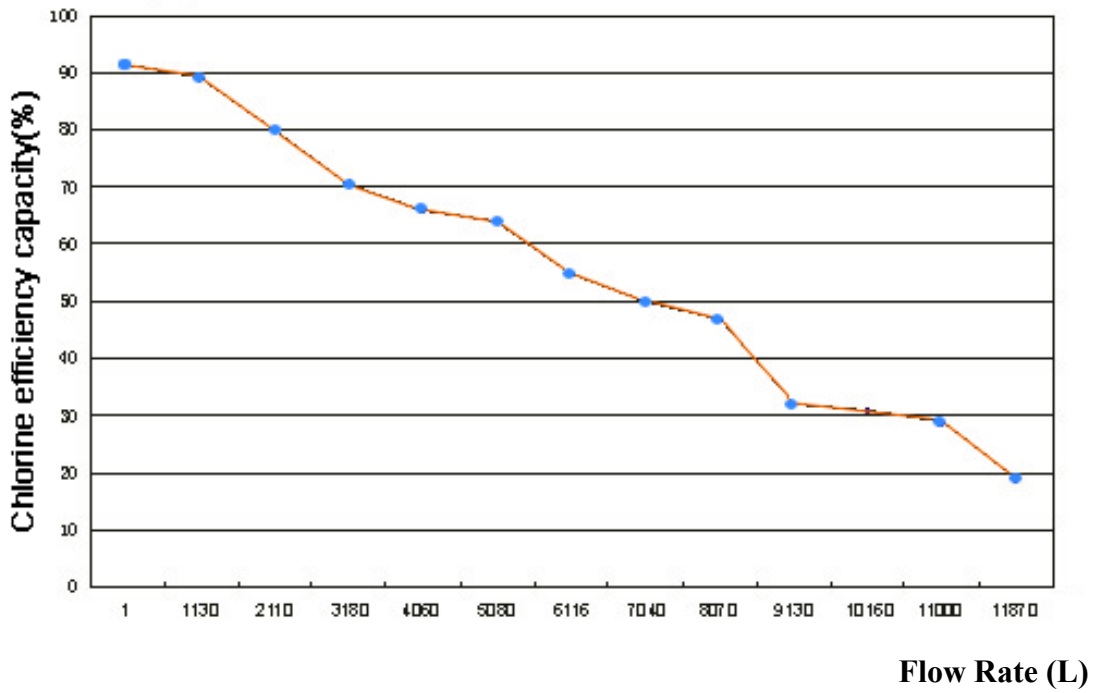
Features:

- ▶ Three separate stage of filtration in one filter cartridge ;
- ▶ "Dual-purpose" filters:
- ▶ Sediment removal;
- ▶ Removal of free chlorine, foul taste, odor, colors.
- ▶ Low pressure Drop. High performance.
- ▶ Long service life
- ▶ Various Media are available.
- ▶ No carbon ash release.

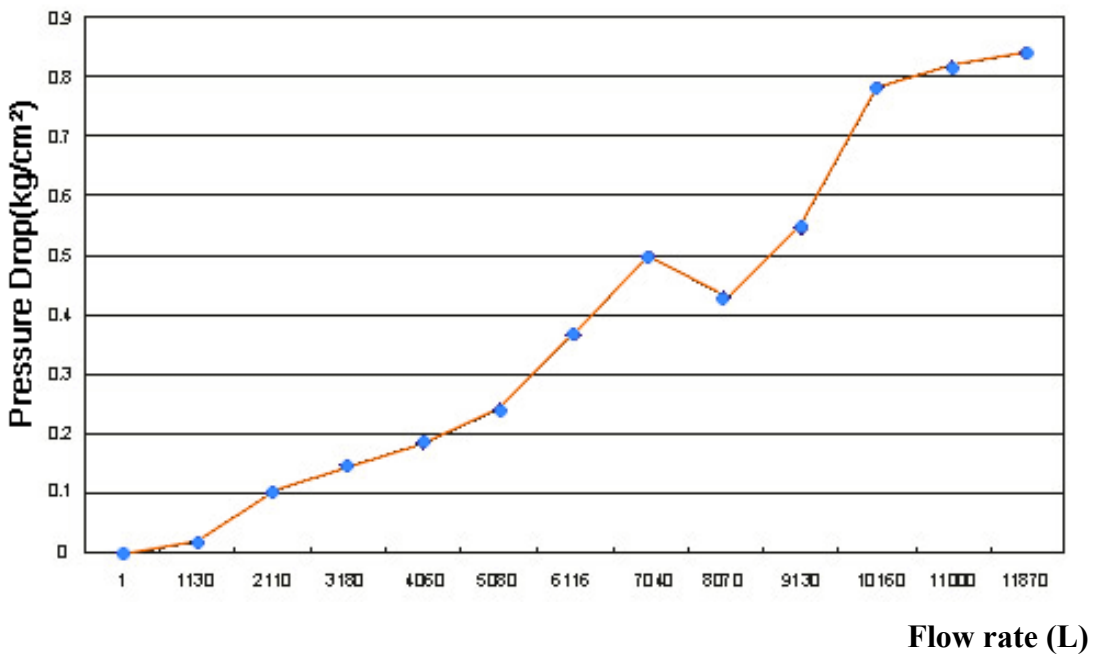
Recommended Applications:

▶ Drinking water	▶ R.O. Water purification
▶ Benzene/Toluene	▶ Amines, glycols, sulfanols
▶ PCB's (polychlorinated biphenyl)	▶ Vending machines
▶ Organic contaminants	▶ Photographic
▶ Clarity improvement	▶ De-chlorinating
▶ Cooling tower treatment	▶ Plating solutions
▶ Beverages	▶ Oil removal
▶ Aquarium water	▶ Aromatic compounds
▶ V.O.C.	▶ High molecule weight alcohols
▶ Waste water treatment	▶ Color removal

PLPPC Series type of carbons specification Performance



Chlorine: 2PPM 4L/min (Tested on : PLPPCC-10-D1)
3136 GAL



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PLPPC Series type of carbons specification

Model	Type of Activated Carbon	Bet. N2 Surface Area (m ² /g)	Iodine Number (mg/g)	Methylene Blue Adsorption (mg/g)	Benzol Adsorption / CTC(%)	Hardness (%)	Bulk Density (g/cm ³)	Ash Content (%)	Moisture (%)	pH	Applications
			(ASTM)	GB/-7702.6 1997		(ASTM)	(ASTM)	(ASTM)	(ASTM)		
C	Coal shell base A.C.	1000	≥950	≥160	≥33/60	≥90	~0.43	≤15	<5	~9	commercial & Industry
CA	Acid wash coal shell base A.C.	1000	≥950	150	≥33/60	≥90	~0.43	≤10	<5	≥6	commercial & Industry
CW	Water wash coal shell base A.C.	1000	≥980	≥170	≥33/60	≥90	~0.43	≤15	≤5	~9	commercial & Industry
N	Nut shell base A.C.	1000	≥1000	≥135	≥33/55	≥90	~0.42	≤10	<5	~9	commercial & Industry
NA	Acid wash nut shell base A.C.	1000	≥1000	≥120	≥33/55	≥90	~0.42	≤6	≤5	~6	commercial & Industry
NW	Water wash nut shell base A.C.	1000	≥1000	≥135	≥33/55	≥90	~0.42	≤10	≤5	~9	commercial & Industry
CC	Coconut shell base A.C.	1000	≥1000	≥135	≥33/55	≥95	0.43	≤8	≤5	~9	commercial & Industry
CCA	Acid wash coconut shell base A.C.	1000	≥1050	≥135	≥33/55	≥95	0.43	<5	<5	~6	commercial & Industry
CCW	Water wash coconut shell base A.C.	1000	≥1100	≥135	≥33/55	≥95	0.43	<8	<5	~9	commercial & Industry
□+WW	Fe≤100PPM Cl≤100PPM	≥1000	≥1200	≥170	≥60	≥90	0.43	<8	<6-7	≥6	Industry

PLPPC Series constructions and materials:

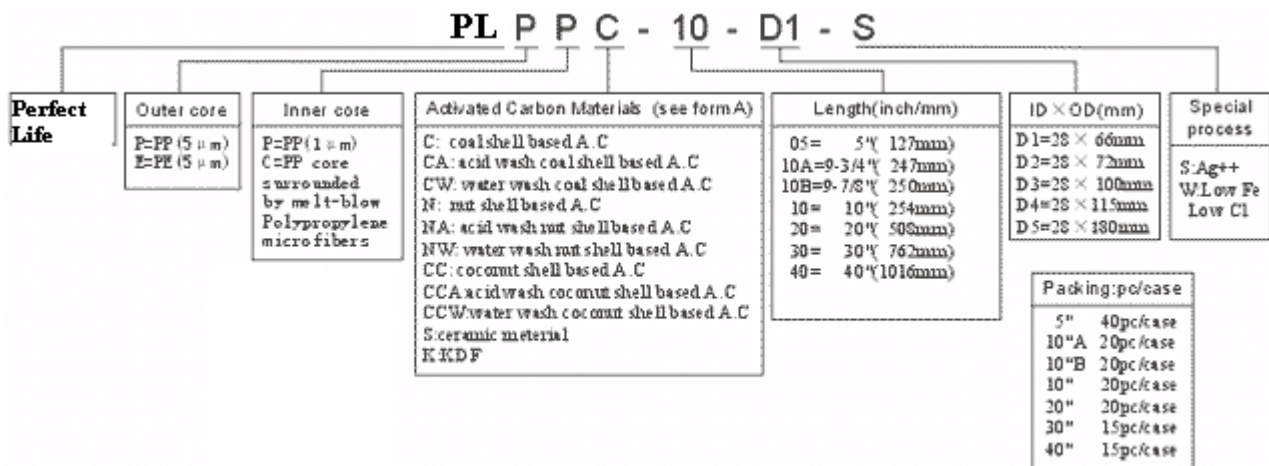
PLPPC-Series	Outer layer	PP (Polypropylene filter) 5~8mm	
	Inner layer	PP (Polypropylene filter) 5~8mm PP (Polypropylene core) 3~5mm Polypropylene core which is surrounded by melt-blow micro fibers layer	
JEPC-Series	Outer layer	PE (Polyethylene filter) 3~5mm	
	Inner layer	PP (Polypropylene core) Polypropylene core which is surrounded by melt-blow micro fibers layer	
End caps	Polypropylene		
Gaskets	Buna-N		
Outer net	Polypropylene		
Operation conditions	Maximum operating pressure	Maximum operating Temperature	
	≤120PSI	60°C ~ 85°C	

▶ Special order filters are available in varying OD with length for 5" to 40".

▶ Various of media, End cap colors are available

▶ OEM are welcome.

Ordering information



For more information, please contact **Perfect Life International Limited** at:

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