

ELPC-30



ELPC-10



ELPC-20

ELPC SERIES ELECTROPLATING CARBON CARTRIDGES

- Cellulose-free construction
- Resistant to chemical breakdown in both acidic and alkaline solutions up to 180°F (82°C)
- Will not contribute to plating porosity or brittleness
- Integrated post-filtration layer to ensure that no carbon fines are bled into the plating bath
- End cap gaskets are permanently molded on to the end caps to ease filter cartridge change-out (gaskets cannot fall off into the filter housing during installation or removal of filter)

The ELPC Series is a premium line of activated carbon filter cartridges specifically designed for electroplating solutions. They represent the best technology available in cartridge filtration for use in a wide range of electroplating applications.

The unique technology used to manufacture this product ensures that there is no bleeding of carbon fines into the plating bath. In addition, the carbon that is used is an ultra-clean, highly purified carbon to ensure that sulfur is not leached into the plating bath.

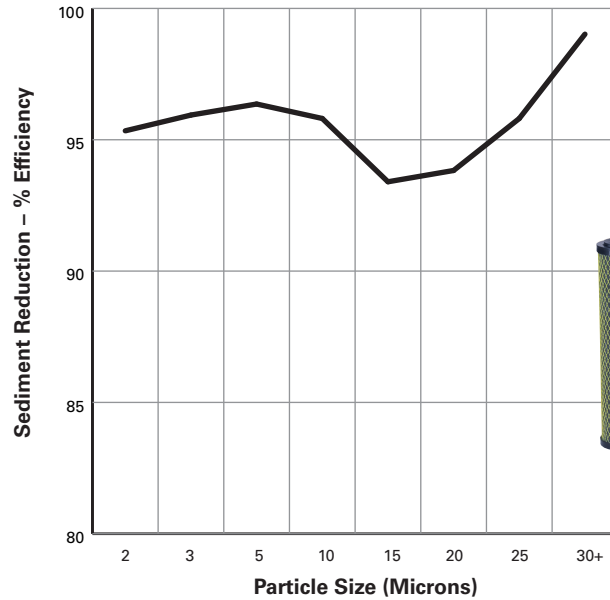
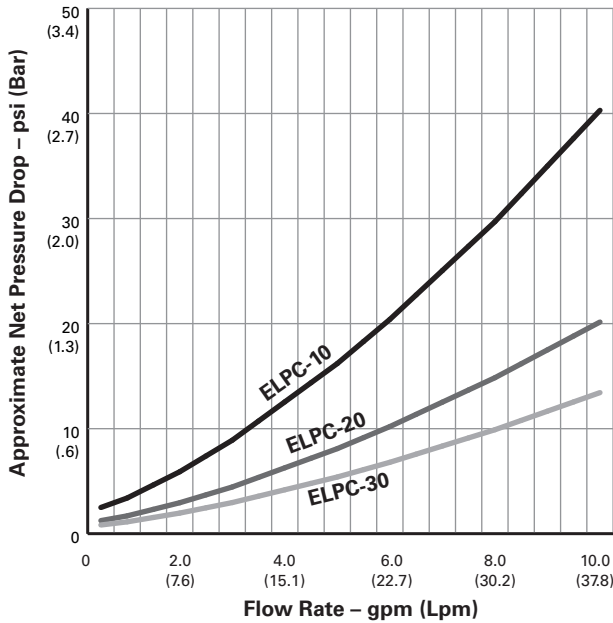
ELPC Series products have a 10-micron nominal rating with superior dirt-holding ability.

The fibrous physical structure created by our proprietary Fibredyne technology produces a unique block with true depth filtration capability which allows for maximum treatment with minimal pressure drop through the cartridge.



ELPC SERIES

Electroplating Carbon Cartridges



Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating (Nominal)	Initial ΔP (psi) @ Flow Rate (gpm)	Temperature Rating
ELPC-10	2 ⁷ / ₈ " x 9 ³ / ₄ " (73mm x 248mm)	10	3.4 psi @ 1 gpm (0.2 bar @ 3.8 Lpm)	40°F-180°F (4.4°C-82.2°C)
ELPC-20	2 ⁷ / ₈ " x 20" (73mm x 508mm)	10	3.4 psi @ 2 gpm (0.2 bar @ 7.6 Lpm)	40°F-180°F (4.4°C-82.2°C)
ELPC-30	2 ⁷ / ₈ " x 30" (73mm x 762mm)	10	3.4 psi @ 3 gpm (0.2 bar @ 11.4 Lpm)	40°F-180°F (4.4°C-82.2°C)

Materials of Construction

Filter Media	Bonded PAC
End Caps	Polypropylene
Netting	Polyethylene
Gaskets	Santoprene™

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit.

NOTE: Cartridges will contain a very small amount of carbon fines (very fine black powder). After installation, a new cartridge should be flushed with sufficient water to remove all traces of fines prior to using the water.

NOTE: Micron ratings based on 85% or greater removal of given particle size. Estimated capacity using 2ppm free available chlorine at 0.5 ppm breakthrough.



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