

# Inline Alkaline Filter Cartridge



Designed to equip your water with ideal flavor, pH, and mineral content, the Neo-Pure Inline Alkaline Filter Cartridge makes water taste delicious and provides the perfect alkalinity for your home's water. This cartridge is intended to be used with a reverse osmosis system after the RO membrane treatment stage. The RO membrane removes contaminants from water including arsenic, lead, or fluoride, but it also removes minerals that users may want in water for taste, such as calcium. This alkaline filter cartridge enriches the water with minerals through several re-mineralization media, including Alkaline-rich Calcium, Maifan Stone, and Granular Activated Carbon (GAC). This cartridge can be used with RO systems capable of up to 75 gpd.

Tap water's pH typically sits at just above 7. In contrast, the alkaline water produced by this cartridge typically possesses a pH between 8 and 9. This pH transition takes place during a process called electrolysis, also known as ionization. During electrolysis, the concentration of negatively charged hydroxide (OH<sup>-</sup>) ions increases, while the concentration of positively charged hydrogen (H<sup>+</sup>) ions decreases. The positively charged ions gather to concentrate minerals and add them to the incoming water, restoring a better taste to the water.

- Increases pH
- Reintroduces essential minerals
- For use as a Reverse Osmosis Postfilter
- Suitable for use on RO systems up to 75 gpd

## AVAILABLE IN SIZES

- 1/4" quick connect in/out (IL2512-57-4Q)
- 3/8" quick connect in/out (IL2512-57-6Q)

## QUESTIONS?

Ask our Service Representatives at:

888.859.1188

Mon. - Fri. 8a - 8p

Sat 8:30a - 4:30p EST.

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## PRODUCT SPECIFICATIONS



**Max Flow Rate**  
0.035 - 0.5 gpm



**Change Frequency**  
6 - 12 months



**Operating Temperature**  
39 to 100°F (3.9 to 37.8°C)\*



**Capacity**  
Up to 75 gpd



**Operating Pressure**  
30 - 100 psi

\*Temperature ratings vary and depend on pressure and time under load