



KPL 511 Series

Replacement for Hilco, Royal, Refilco, and more

Kaydon KPL Pleated Filter Cartridges are designed for lube, hydraulic, and fuel filtration applications. Kaydon KPL Filter Cartridges use phenolic/silicone impregnated cellulosic/synthetic fibers to provide effective filtration for a wide range of filtration applications. The KPL series of filter cartridges deliver long service life, low pressure drop, and clean fluid. KPL Pleated Filter Cartridges are available in 5 μ m and 15 μ m (95% removal; $\beta = 20$).

Benefits

- Up to 10% more pleats and higher pleat heights than competitive elements results in lower pressure drop and longer service life.
- Pleated fiber media is a fixed pore structure and securely bonded to endcaps.
- Pleats are concentrically evenly spaced.



- Direct replacements. No modifications needed.
- Louvered outside jacket provides pleated media fiber protection and maintains even flow path through cartridge to help maximize element life.
- Spiral center tube keeps element intact to 100 psid collapse.

- For use in applications that experience fluid operating temperatures up to 250F (121C)
- Unaffected by presence of water in oil or fuel.
- Will not remove additives from oil or fuel.
- Technical assistance available for application support.

Specifications

Micron Ratings and Filtration Efficiency:

5 μ m and 15 μ m
($\beta_x = 20$ — per ISO 4572)

Gaskets:

Buna-N or Fluorocarbon

Element Capacity and Construction:

Flow Direction: Outside - In
Double-Open Ended
Electroplated (Corrosion Protective) Metal
Inert Fixed Pore Media

Element Dimensions

Outside Diameter = 4.5 inches (114 mm)
Inside Diameter = 1.75 inches (44 mm)
Length = 11.0 inches (280 mm)

Pressures (Maximum) - (ISO 2941)

Collapse: 100 psid (7 bar)

Fluid Compatibility - (ISO 2943)

petroleum based lube oils, diesel fuels, water glycols, water-oil emulsions, quench oils, hydraulic oils, coolants

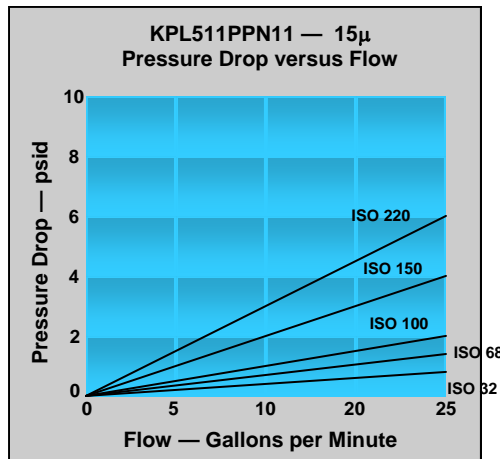
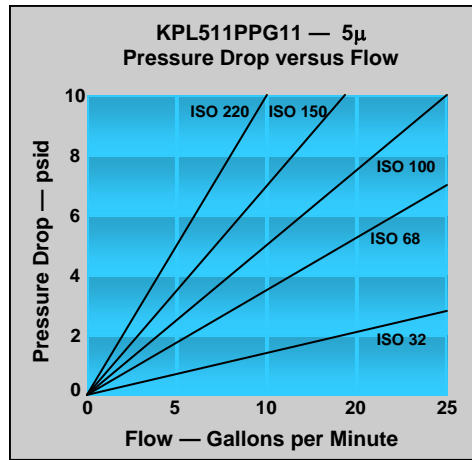
Fabrication Integrity Test - (ISO 2942)

This test verifies element is constructed to exact specifications and will not cause unwanted by-pass during use.

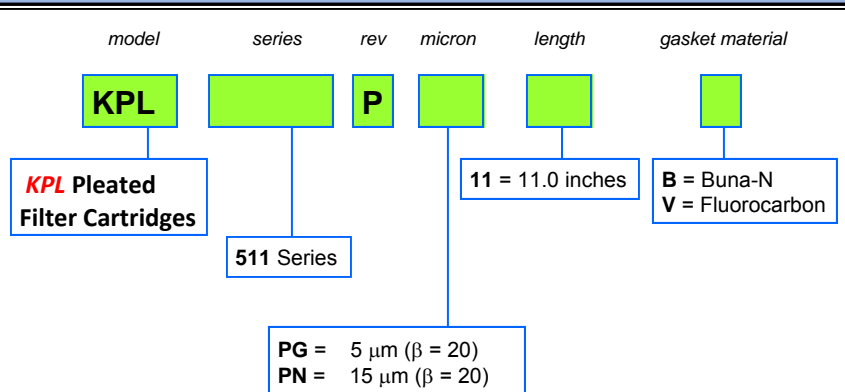
Maximum Recommended Operation Conditions

Fluid Temperature: 250F (121C)
Change-Out Differential Pressure: 35 psid (2.4 bar)

Pressure Drop Curves



KPL Filter Cartridge Part Number Structure



Part Number Example: KPL511PPG11B