

# 405-AD Series

## Particulate Removing



### Benefits

- PetroClear® models 40502P-AD, 40505P-AD, 40510P-AD and 40530P-AD are particulate removing spin-on filters designed to remove particulate from neat gasoline, Ethanol blended gasolines, diesels, Biodiesel, ULSD (Ultra Low Sulfur Diesel), kerosene and fuel oils.
- PetroClear® models 40502P-AD, 40505P-AD, 40510P-AD and 40530P-AD are particulate removing spin-on filters. These filters are designed for particulate removal only and WILL NOT REACT TO WATER IN FUELS OR PHASE SEPARATION IN ETHANOL BLENDED GASOLINE TO SLOW FLOW.
- PetroClear® model 40502P-AD filter offers efficient 2 micron (nominal) particulate removal.
- PetroClear® model 40505P-AD filter offers efficient 5 micron (nominal) particulate removal.
- PetroClear® model 40510P-AD filter offers efficient 10 micron (nominal) particulate removal.
- PetroClear® model 40530P-AD filter offers efficient 30 micron (nominal) particulate removal.
- Compatible with neat gasoline, Ethanol blended fuels and all diesels, including Biodiesel fuels.
- Textured paint coating helps ensure a simple, mess-free installation and removal process.
- UL® recognized

**PetroClear® Filters are NOT to be used in Aviation Fuel Applications!**

FOR DISPOSAL INFORMATION PLEASE CONTACT YOUR NEAREST EPA OFFICE.

### Specifications

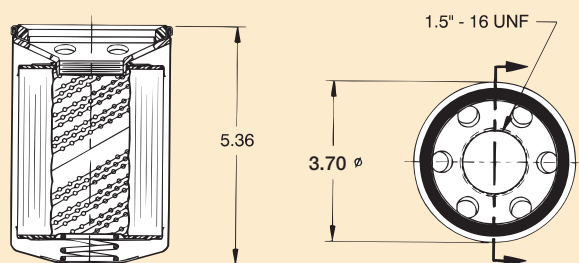
- The PetroClear® model 40502P-AD utilizes a 2 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 2 microns (nominal) or larger.
- The PetroClear® model 40505P-AD utilizes a 5 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 5 microns (nominal) or larger.
- The PetroClear® model 40510P-AD utilizes a 10 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 10 microns (nominal) or larger.
- The PetroClear® model 40530P-AD utilizes a 30 micron (nominal) cellulose media to remove particulate from gasolines and diesel fuels including Ethanol blended gasoline, Biodiesel and ULSD (Ultra Low Sulfur Diesel). Removes particulate 30 microns (nominal) or larger.
- The maximum flow rate for PetroClear® models 40502P-AD, 40505P-AD, 40510P-AD and 40530P-AD is 25 gpm (94.6 lpm). Maximum operating pressure is 50 psid (3.4 bar). Collapse pressure is 150 psid (10.3 bar). Maximum operating temperature is 250°F (139°C).
- PetroClear® models 40502P-AD, 40505P-AD, 40510P-AD and 40530P-AD utilize a standard 1.5" – 16 UNF mounting thread ref. (1" flow) required for most spin-on filter Adapters used in aftermarket and/or high-flow applications such as Gilbarco, Wayne, Bennet, Tokheim and other major manufacturers' dispensers.
- Adapters are available for models 40502P-AD, 40505P-AD, 40510P-AD and 40530P-AD in aluminum. These single Adapters are available in 3/4" and 1" NPT and BSP inlet/outlet threads.

**NOTE:** If you experience frequent filter changes, it is recommended that you have fuel samples analyzed to determine the source of contamination, such as water, dirt, rust, bacteria, phase separation, etc.

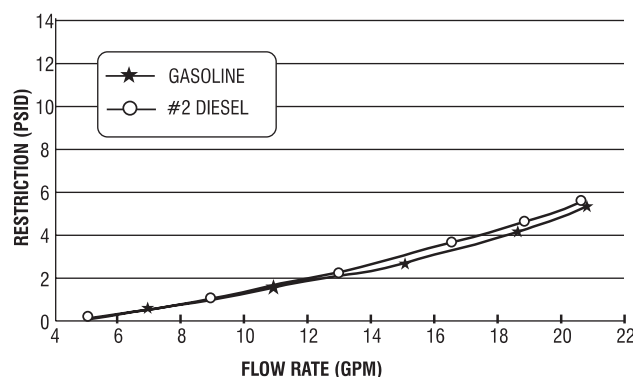
# 40502P-AD, 40505P-AD, 40510P-AD & 40530P-AD

## For High-Flow Fuel Dispensers

**40502P-AD, 40505P-AD,  
40510P-AD & 40530P-AD**



**PetroClear® 40502P-AD, 40505P-AD, 40510P-AD  
& 40530P-AD**



Model	40502P-AD	40505P-AD	40510P-AD	40530P-AD
Filter Type	Spin-On	Spin-On	Spin-On	Spin-On
Media Type	*Cellulose	* Cellulose	* Cellulose	* Cellulose
Micron Rating	2 Micron (nominal)	5 Micron (nominal)	10 Micron (nominal)	30 Micron (nominal)
Diameter	3.70"	3.70"	3.70"	3.70"
Height	5.36"	5.36"	5.36"	5.36"
Mounting Thread	1.5" – 16 UNF	1.5" – 16 UNF	1.5" – 16 UNF	1.5" – 16 UNF
Flow Rate	25 gpm (94.6 lpm)	25 gpm (94.6 lpm)	25 gpm (94.6 lpm)	25 gpm (94.6 lpm)
Flow	1" flow	1" flow	1" flow	1" flow
Shell Thickness	0.020	0.020	0.020	0.020
Gasket Material	Buna N	Buna N	Buna N	Buna N
Collapse (Min.)	150 psid (10.3 bar)	150 psid (10.3 bar)	150 psid (10.3 bar)	150 psid (10.3 bar)
Burst (Min.)	500 psi (34.5 bar)	500 psi (34.5 bar)	500 psi (34.5 bar)	500 psi (34.5 bar)
Max. Operating Temp.	250°F (139°C)	250°F (139°C)	250°F (139°C)	250°F (139°C)

\*Particulate Removing

### Available Adapters

Part/Model Number	Description
.75 N1.5-16AD	3/4" NPT Inlet/Outlet Ports, 1.5" – 16 UNF (aluminum)
1.0 N1.5-16AD	1" NPT Inlet/Outlet Ports, 1.5" – 16 UNF (aluminum)
.75B1.5-16ADA	3/4" BSP Inlet/Outlet Ports, 1"-16 UNF (aluminum)
1.00B1.5-16ADA	1" BSP Inlet/Outlet Ports, 1"-16 UNF (aluminum)