

# ACP Coalescer Filters

API/EI 1581, 5<sup>th</sup> Edition Qualified



Racor's API/EI qualified coalescers are manufactured using multi-layered particulate capture media and a resin-impregnated glass fiber coalescing core. No metal center-tube is used in order to provide efficient coalescence and reduce restriction allowing the filter to be crushable/incinerable for disposal.

The unique combination of medias employed provide the industry with one of the most efficient particulate and water removal filters available. In addition to high efficiency, ACP filters can provide customers with low initial pressure drop and longer life when compared with other competitor products.

These filters remove free and emulsified water, physical contamination, and are specifically designed for aviation turbine fuel (Jet A, Jet A1). They can also be used with other types of fuels and hydrocarbon distillates from the refinery through the distribution system.



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## Product Features:

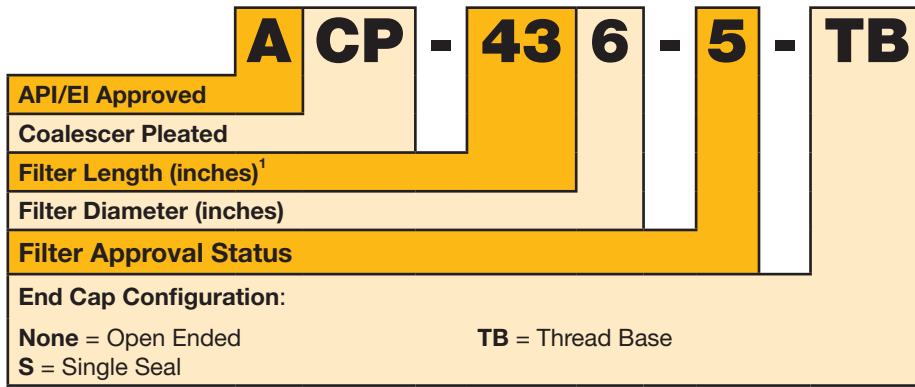
- API/EI 1581 5<sup>th</sup> Edition Category C, Type S Qualified
- In to Out flow direction
- Removes free and emulsified water from fuel
- Standard end cap offering
- Rugged and reliable
- Rigid glass fiber coalescing shell
- Industry standard filter dimensions
- No perforated center tube—allows for 100% coalescing area
- No metal components
- Glass filled nylon end-caps
- Compatible with biodiesel blends in industrial applications
- Viton<sup>®</sup> seals and gaskets are standard

Note: Viton is a registered trademark of Dupont™.



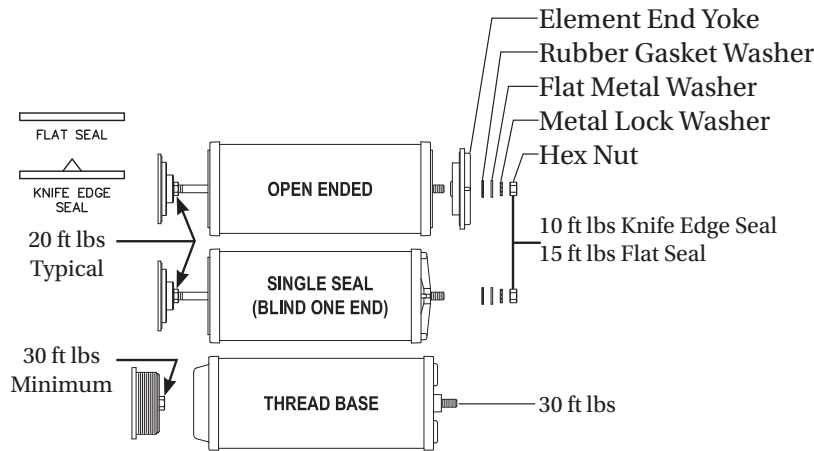
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# How To Build A Part Number



<sup>1</sup>Filter length is nominal of the media pack and does not represent the overall filter length. Depending on the end-cap configuration, the nominal overall filter length will be an additional 0.625 to 1.750 inches in length.

## Torque Specifications



## Added Benefits:

- Low disposal cost
- No metal center tube
- Crushable and incinerable
- High efficiency particulate removal
- Larger filtering surface area
- Low initial pressure drop
- Long filter life

See bulletin **7791** for information on SS and ST separator filters.  
 See brochure **7537** for information on the complete line of Hydrocarbon products.  
 See brochure **7788** for information on other Parker filtration products for the aviation industry.

## Technical Specifications

<b>Micron Rating</b>	1 Micron
<b>Flow Direction</b>	Inside to Outside
<b>Water Removal Efficiency</b>	<15 ppm <sup>2</sup>
<b>Change-Out Pressure</b>	15 PSID (1.0 bar)
<b>Ambient Temperature Range</b>	-40° to +160°F (-40° to +71°C)
<b>Maximum Temperature Range</b>	190°F (88°C)
<b>pH Range</b>	5-9

<sup>2</sup>When used with appropriately matched SS or ST series separators.

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