

CP Coalescer Filters

For Industrial Applications



Racor's industrial coalescer filters are manufactured using a cellulose particulate capture media and a resin impregnated glass fiber coalescing core (no metal core). This unique combination of medias provides the industry with one of the most efficient particulate and water removal filters available. In addition to high efficiency, the CP filter can provide the customer with low initial pressure drop and longer life when compared with competitor products. These filters remove free and emulsified water and solid contamination from various types of fuels and hydrocarbon fluids. 1, 5, 10, and 25 micron filters ensure fuel quality that meets or exceeds the fuel cleanliness requirements of the Worldwide Fuel Charter (ISO 4401 code 18/16/13), when challenged with ASTM Type A3 test dust.

Typical applications include refineries with process streams, finished product, petrochemical plants, petrochemical storage and distribution systems, and at the point of consumption.

Note: Part number **CP-20452-J** meets **MIL-PRF-52308J** requirements under **NSN 4330-01-477-7985**.



Product Features:

- Cost effective solution
- High efficiency particulate removal
- Not approved for API/EI 1581 specified applications
- Compatible with biodiesel blends
- No metal center tube
- Crushable and incinerable
- Replaces competitor filters
- Low initial pressure drop
- Large filtering surface area
- Long filter life
- Two part epoxy
- Compatible with biodiesel blends
- Viton® seals and gaskets for compatibility with a wide range of fluids

Note: Viton is a registered trademark of DuPont.™



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How To Build A Part Number

CP	-	43	6	78	-	S
Coalescer Pleated						
Element Length (inches)¹						
Element Diameter (inches)						
Nominal Micron Rating						
54 = 1 micron		68 = 10 micron				
58 = 5 micron		78 = 25 micron				
End Cap Configuration:						
None = Double Open Ended			TB = Thread Base			
S = Single Seal						

¹Filter 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.

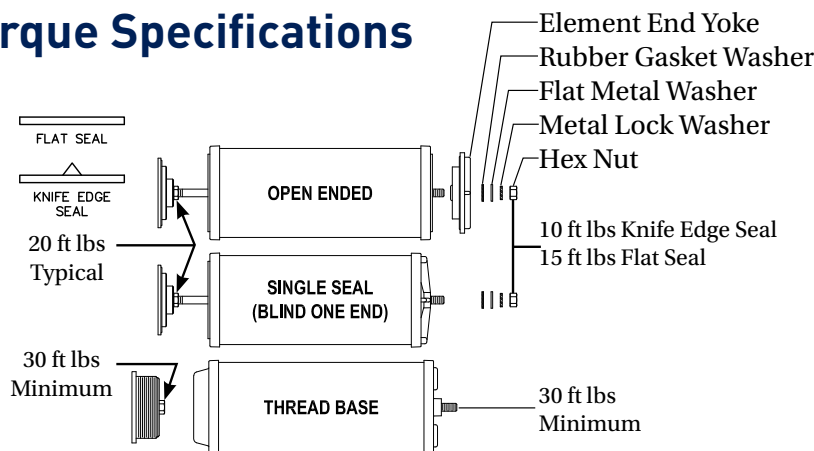


For Information:

See bulletin **7791** for information on matched Racor SP, SS and ST Filter Separators.

See brochure **7537** for information on the full line of Racor Hydrocarbon products.

Torque Specifications



Technical Specifications

Micron Rating	1, 5, 10, and 25
Flow Direction	Inside to Outside
Water Removal Efficiency	<15 ppm ²
Change-out Pressure	15 PSID (1.0 bar)
Ambient Temperature Range	-40° to +160°F (-40° to +71°C)
Maximum Fuel Temperature	190°F (88°C)
pH Range	5 to 9

²When used with appropriately matched SP, SS, and ST series separators.